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Monthly and Seasonal Mean Analyses

March, April, May
1986

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Monthly and Seasonal Mean Analyses

March, April, May 1986

Mean fields obtained from the archive of operational analyses

Met O 20 (Dynamical Climatology Branch)
Meteorological Office
London Road
Bracknell
Berkshire RG12 2SZ

January 1988

Note: Permission to quote from this document should be obtained from the Assistant Director of the above Meteorological Branch.

Introduction

The archive of operational analyses contains a continuous record of global analyses every 12 hours (00 and 12 GMT) from May 1983 onwards. They are copies of the update analyses produced in the operational numerical weather prediction system using the 15-level model (Dickinson and Temperton 1984). This publication presents a selection of charts from the archive.

The publication covers a 3-month period and is divided into four sections. Sections 1, 2 and 3 contain charts of the monthly mean fields and section 4 contains charts of the seasonal mean fields for the 3-month period. Each section includes a mean-sea-level pressure chart and composite charts showing fields of height, wind vectors and isotachs for the 850, 500, 250 and 100 mb pressure levels. These charts, on polar stereographic projections, cover the extra-tropical regions of both hemispheres. For the tropical regions, wind vectors and isotachs are presented for the 850 and 250 mb pressure levels. These fields are shown in a series of charts, on a latitude—longitude projection encircling the globe in three sections, covering the longitudes 0°—120° E, 120° E—120° W and 120° W—0°. On all charts contours are depicted as solid lines, wind vectors as arrows and isotachs as dashed lines.

From the start of the archive the global fields have been stored as spectral coefficients using a triangular truncation of T40 (Swinbank 1984), which is approximately equivalent to a latitude—longitude grid with a resolution of 4.5° by 4.5°. Since the model analyses are written up on a 1.5° by 1.875° grid the conversion to spectral coefficients results in some smoothing of the data. The fields are stored in Met O 20 Post-Processing format which consists of a header record containing field and grid information followed by a data record containing the field values. Details of this format may be found in the PP-package manual in Met O 20. Fields available on the archive are as follows:

Field		Pressure level (mb)
Westerly wind component	(m/s)	1000, 850, 700, 500, 400, 300, 250, 200, 150, 100, 70, 50
Southerly wind component	(m/s)	
Height	(dam)	
Temperature	(K)	
Relative humidity	(%)	1000, 850, 700, 500, 400, 300
Mean-sea-level pressure	(mb)	

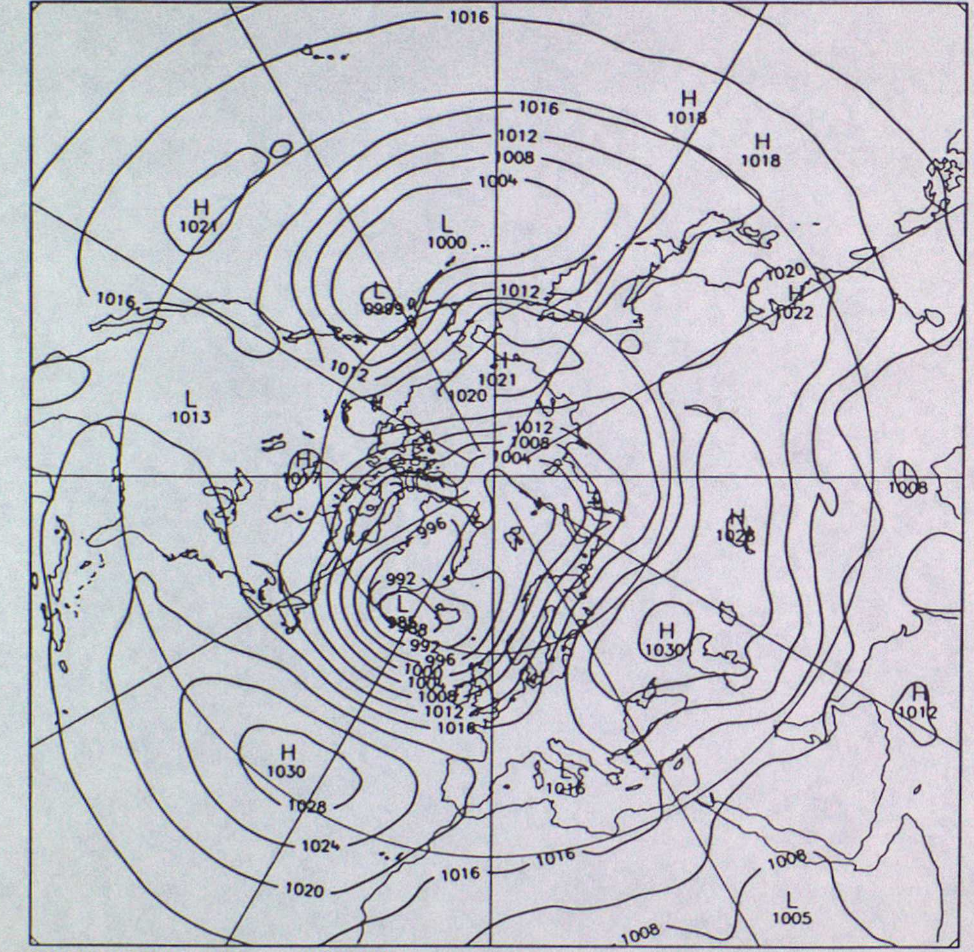
The appropriate tape numbers, file numbers and dataset names can be found by reading the library members on 'M20.NARCHIND' and for recently archived data by reading the dataset 'M20.NARCHLST'. Subroutines from the PP-package are used for accessing the data. Examples are shown in Swinbank (1984).

References

Dickinson, A. and Temperton C.	1984	The Operational Numerical Weather Prediction Model. Met O 11 Technical Note No. 183. Meteorological Office, Bracknell.
Swinbank, R.	1984	A system to archive operational analyses for research purposes. Met O 20 Technical Note No. II/218. Meteorological Office, Bracknell.

MARCH
1986

OPERATIONAL ARCHIVE MEANS. MARCH 1986
PMSL
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/3/1986 DAY 90
LEVEL: SEA LEVEL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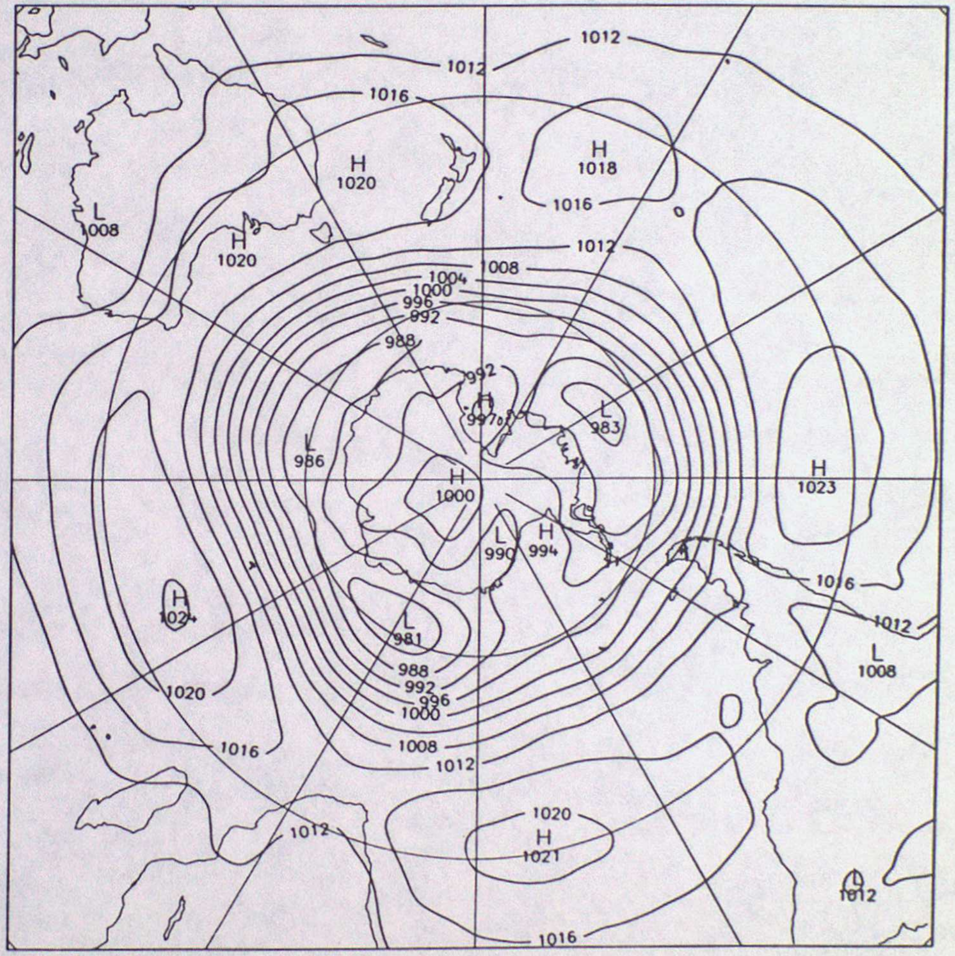
CONTOUR INTERVAL: 4 MB UNITS: MB

OPERATIONAL ARCHIVE MEANS. MARCH 1986
PMSL
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/3/1986 DAY 90
LEVEL: SEA LEVEL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992
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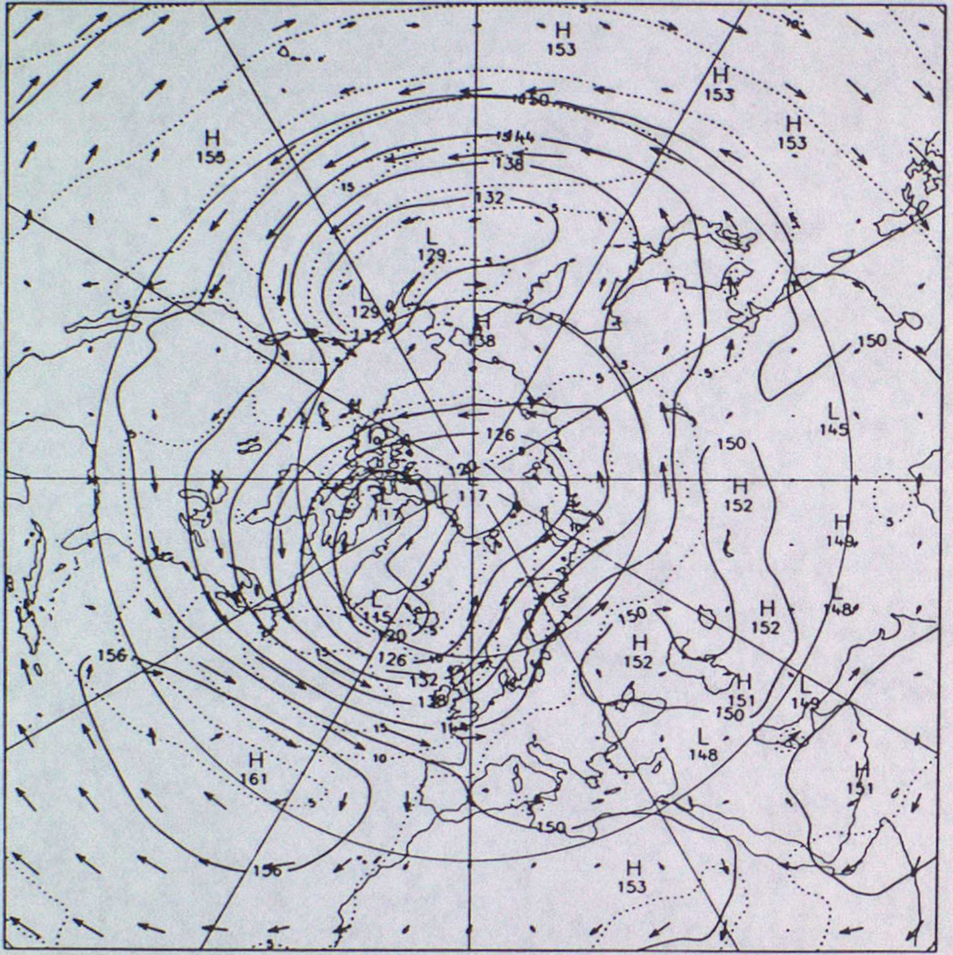
CONTOUR INTERVAL: 4 MB UNITS: MB

OPERATIONAL ARCHIVE MEANS. MARCH 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/3/1986 DAY 90
LEVEL: 850 MB



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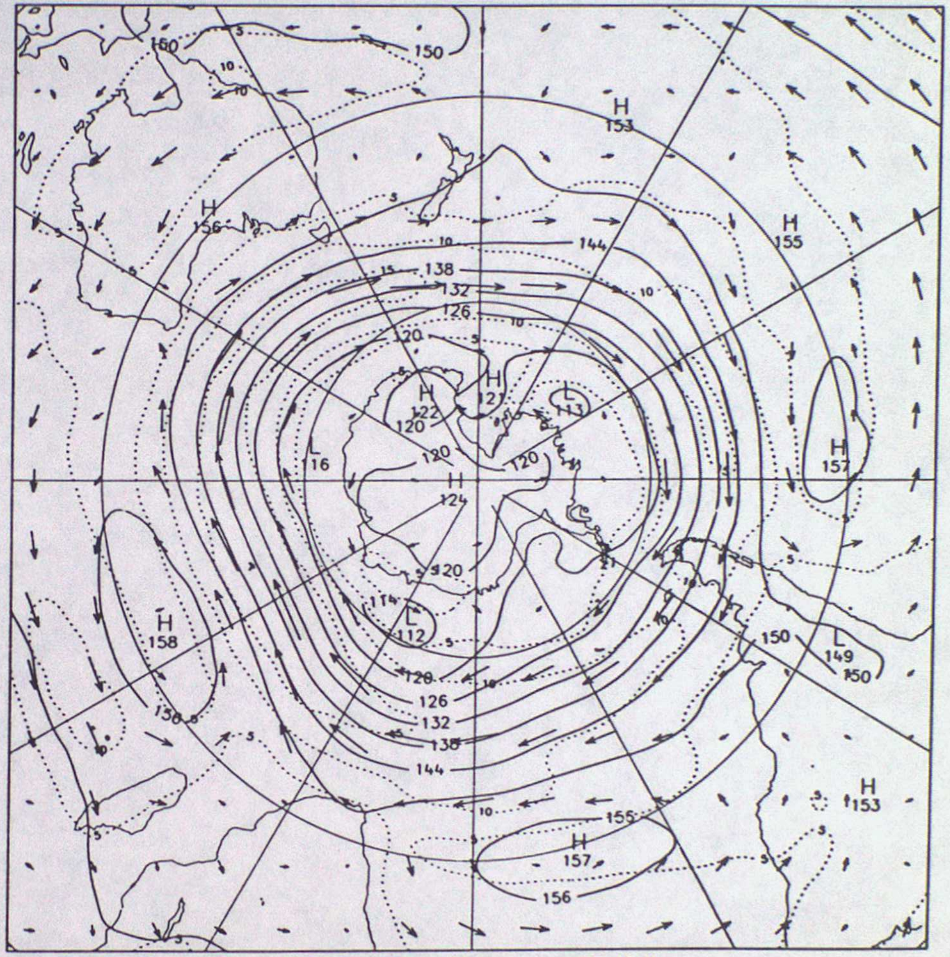
156
H 153

→ REPRESENTS 10 M/S CONTOUR INTERVAL: 60 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MARCH 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/3/1986 DAY 90
LEVEL: 850 MB



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→ REPRESENTS 10 M/S CONTOUR INTERVAL: 60 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MARCH 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/3/1986 DAY 90
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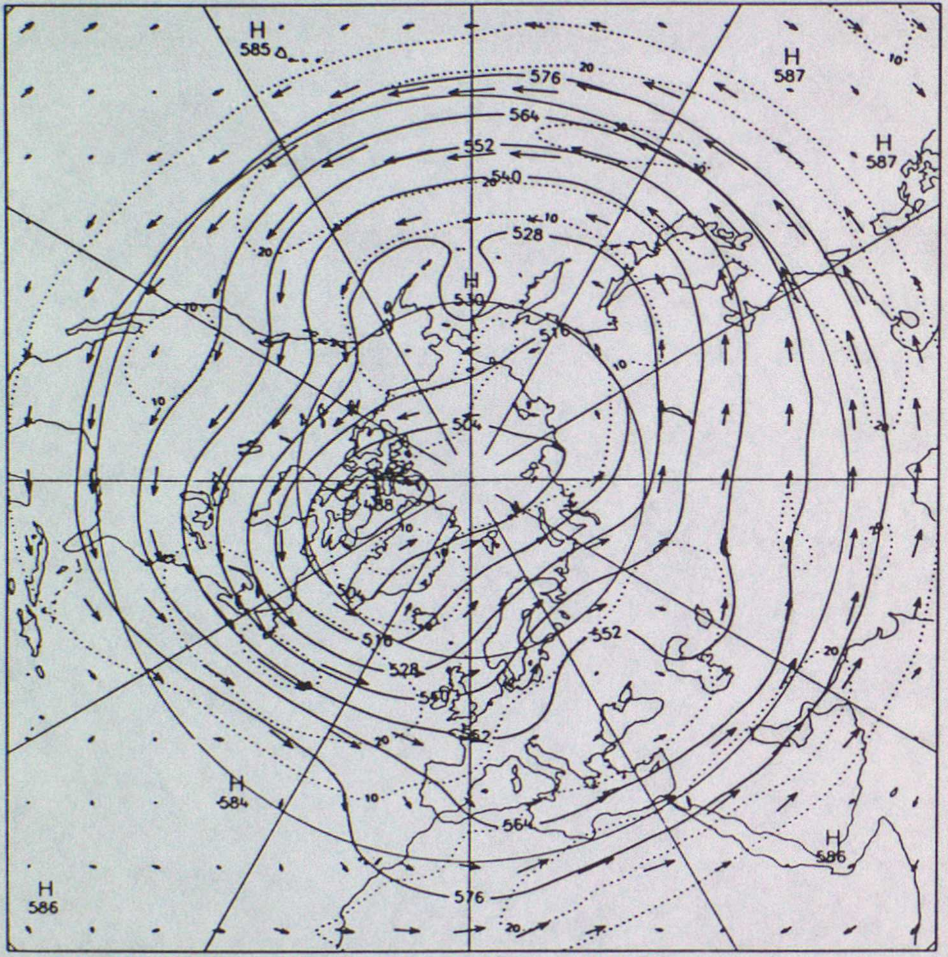
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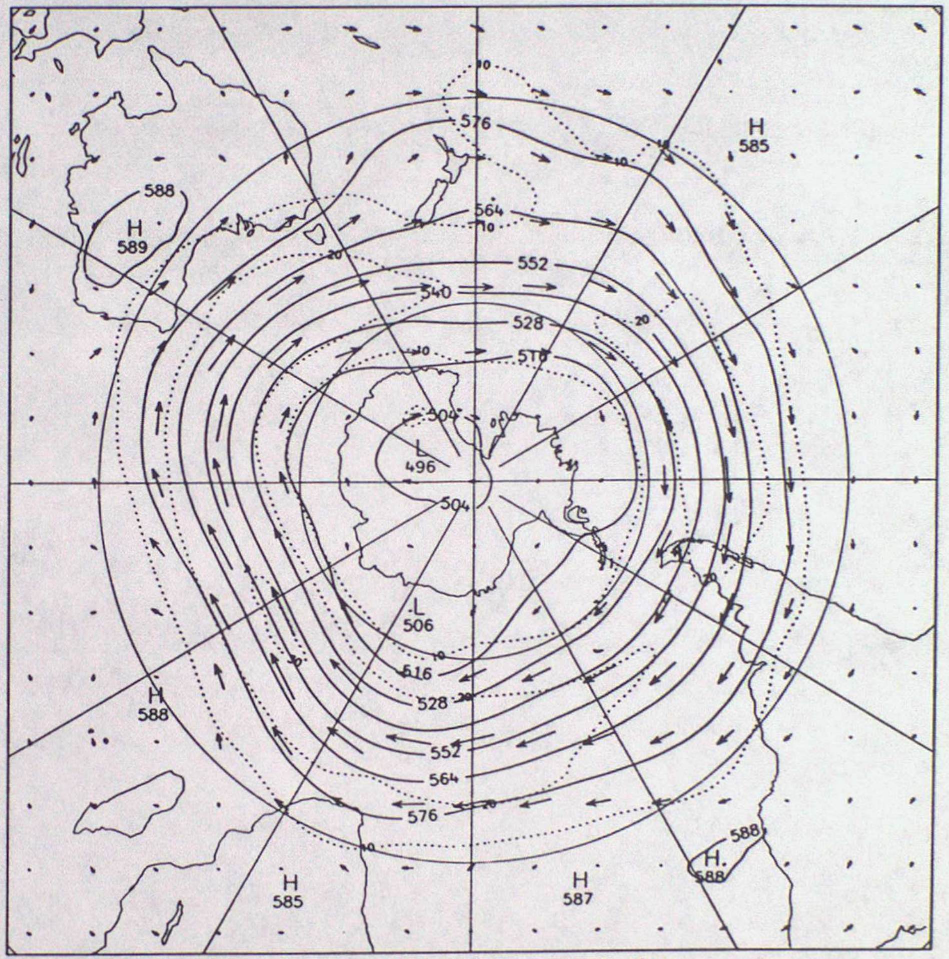
→ REPRESENTS 20 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MARCH 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/3/1986 DAY 90
LEVEL: 500 MB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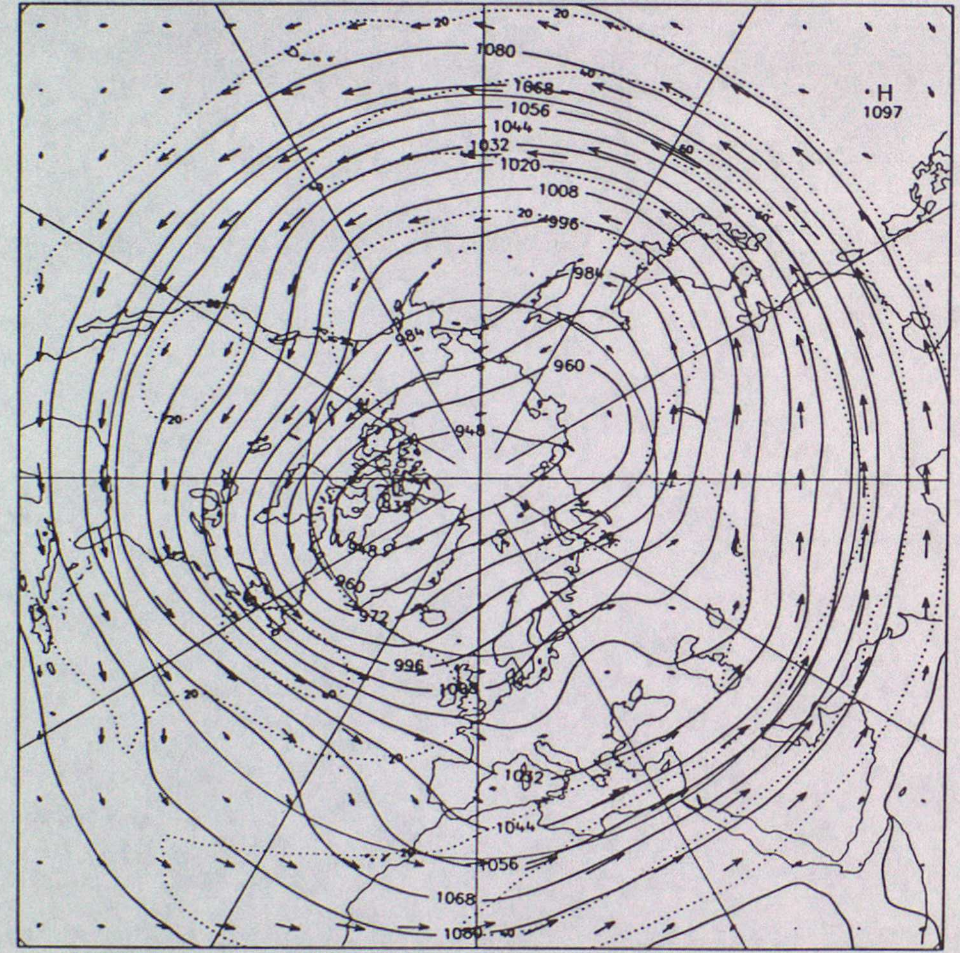
→ REPRESENTS 20 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MARCH 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/3/1986 DAY 90
LEVEL: 250 MB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→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MARCH 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/3/1986 DAY 90
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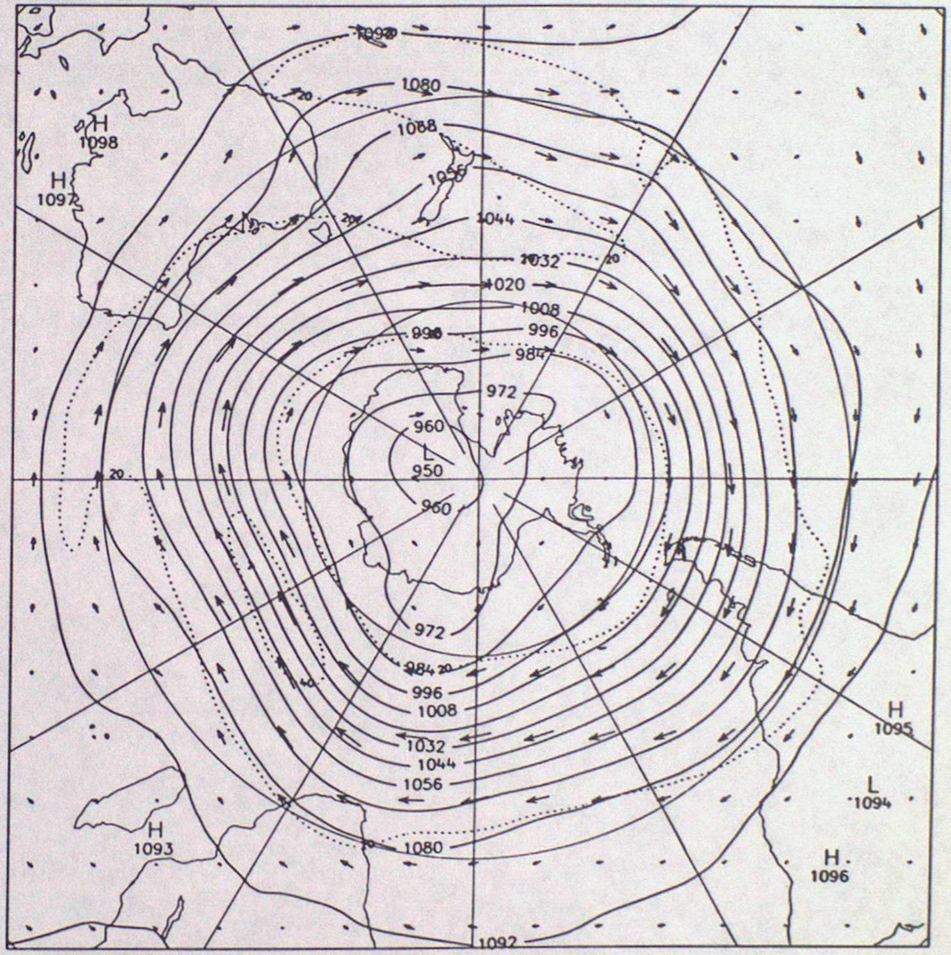
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→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MARCH 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/3/1986 DAY 90
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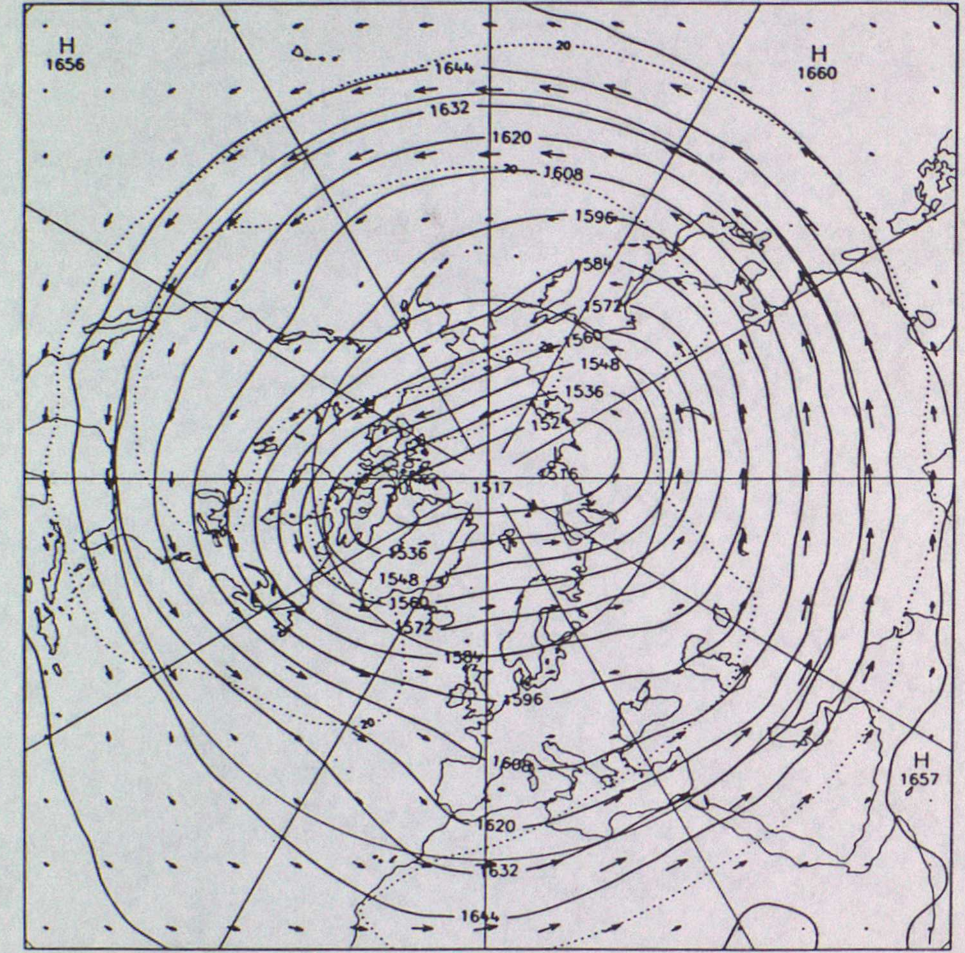
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→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MARCH 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/3/1986 DAY 90
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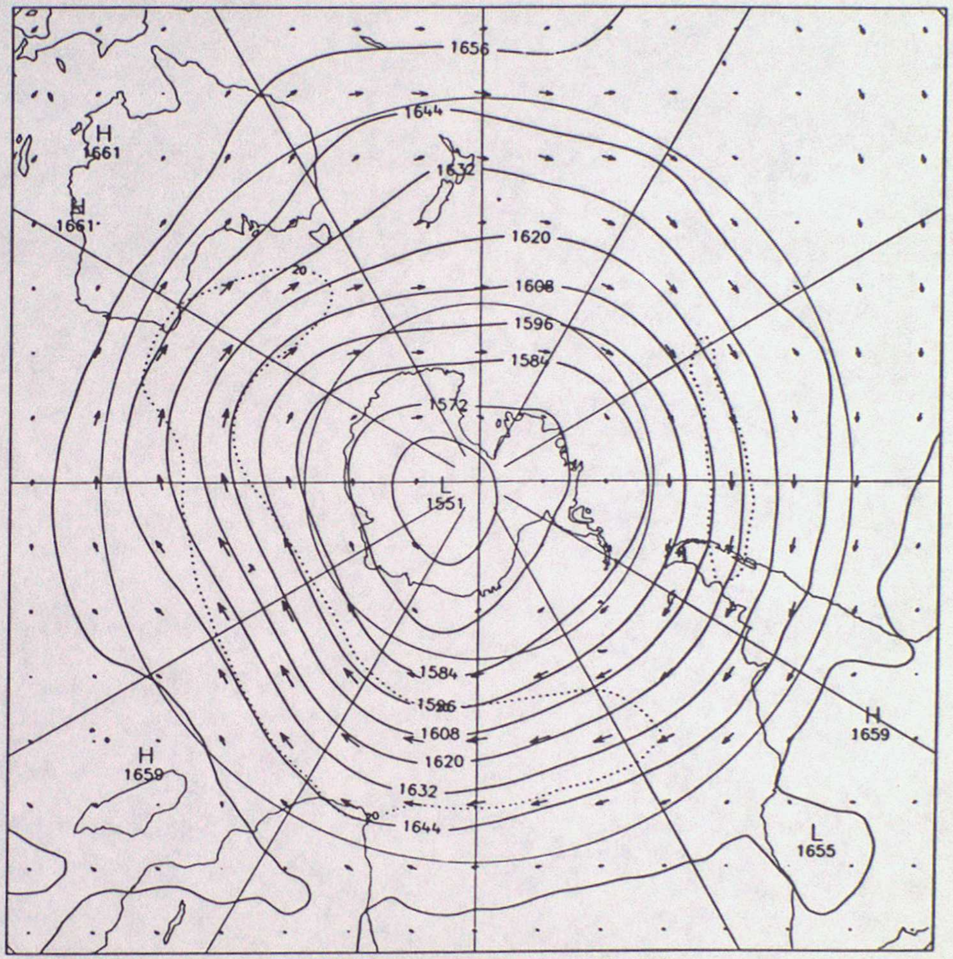
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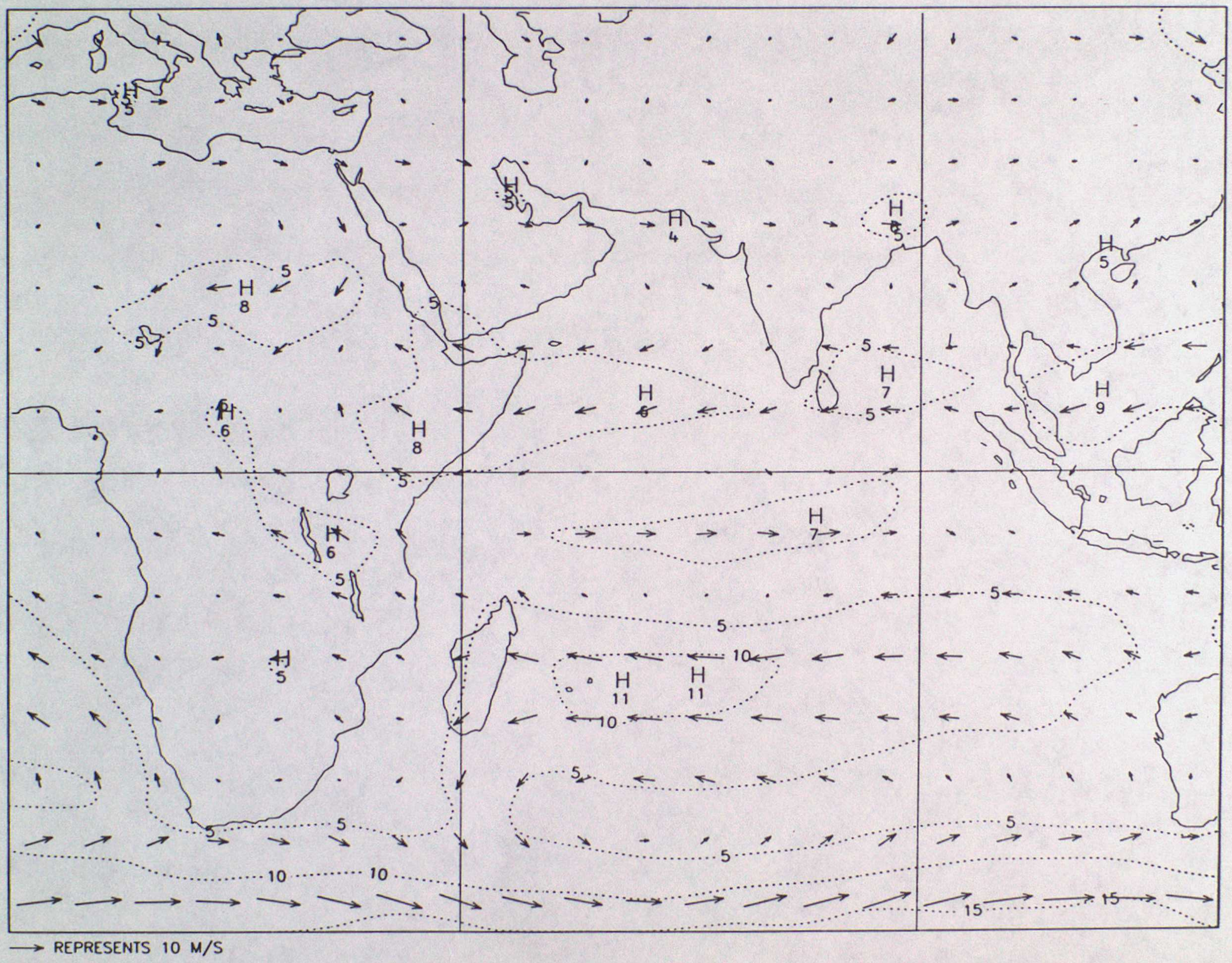
→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS.　　MARCH　　1986
WIND ARROWS AND ISOTACHS　BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/3/1986 DAY 90
850 MBS.　　　　　　BETWEEN LONGS. 0 E - 120 E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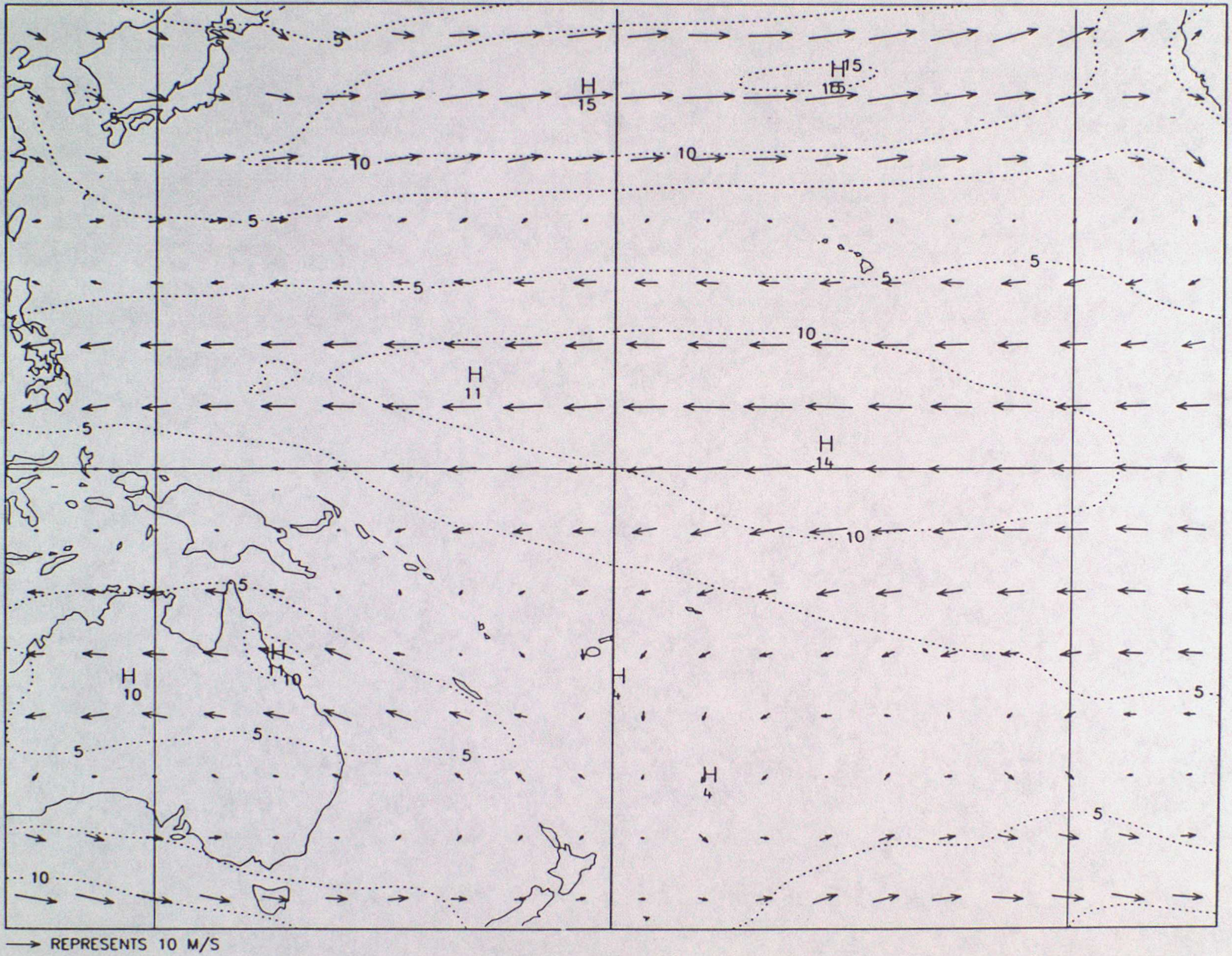
→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS.　　MARCH　　1986
WIND ARROWS AND ISOTACHS　BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/3/1986 DAY 90
850 MBS.　　　　BETWEEN LONGS. 120 E - 120 W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→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS. MARCH 1986
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/3/1986 DAY 90
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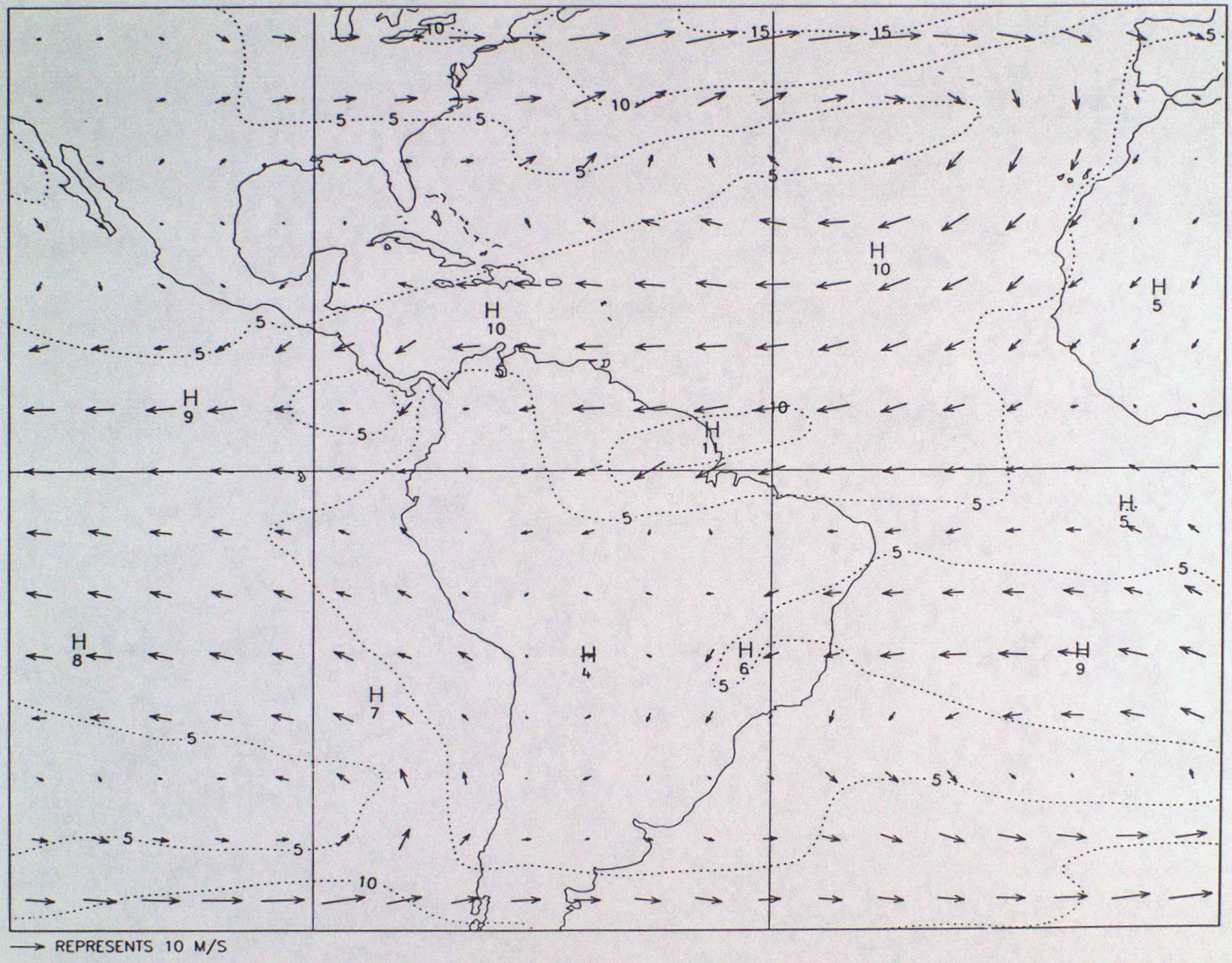
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→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS. MARCH 1986
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/3/1986 DAY 90
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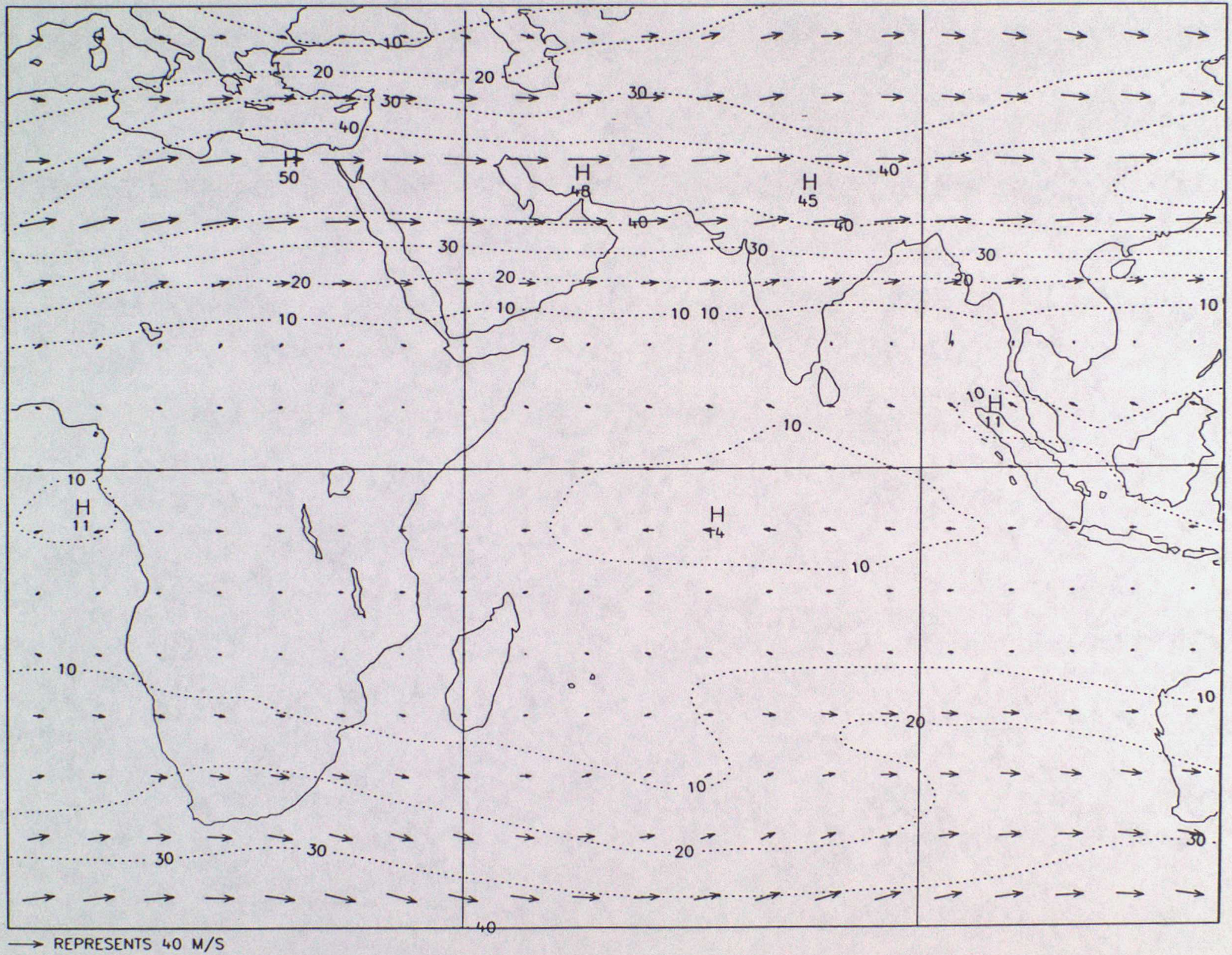
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→ REPRESENTS 40 M/S

OPERATIONAL ARCHIVE MEANS. MARCH 1986
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/3/1986 DAY 90
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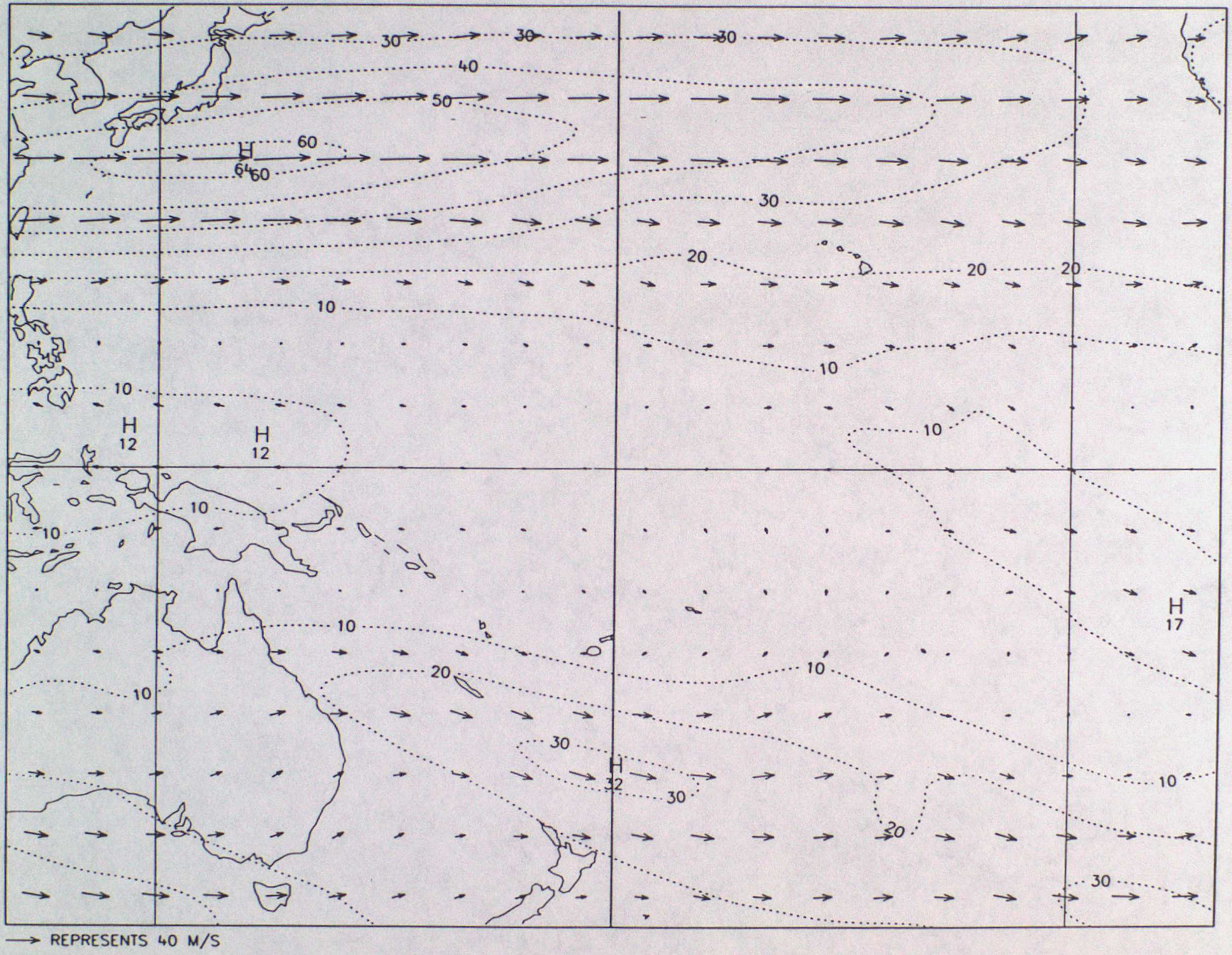
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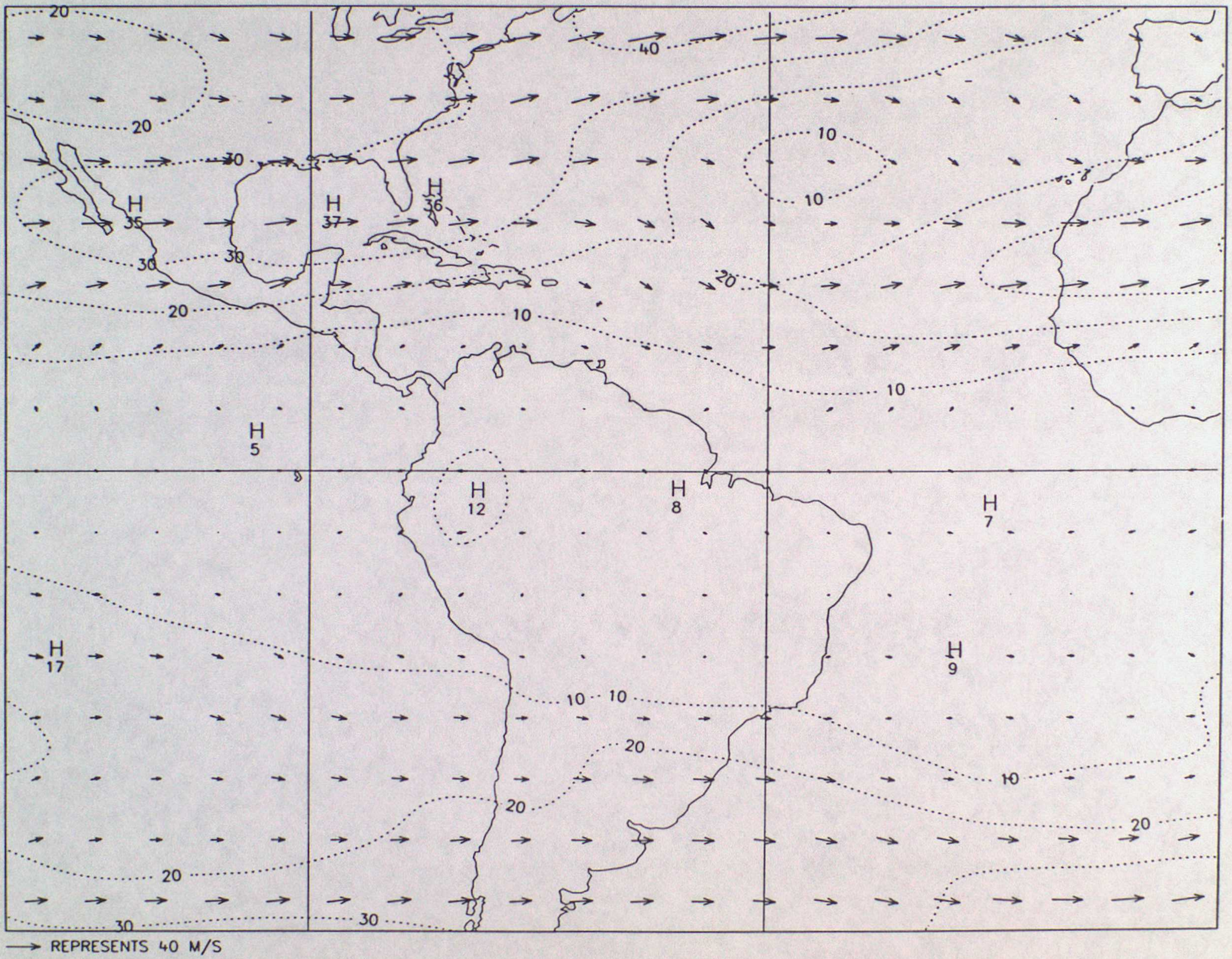
→ REPRESENTS 40 M/S

OPERATIONAL ARCHIVE MEANS. MARCH 1986
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/3/1986 DAY 90
250 MBS. BETWEEN LONGS. 120 W - 0 W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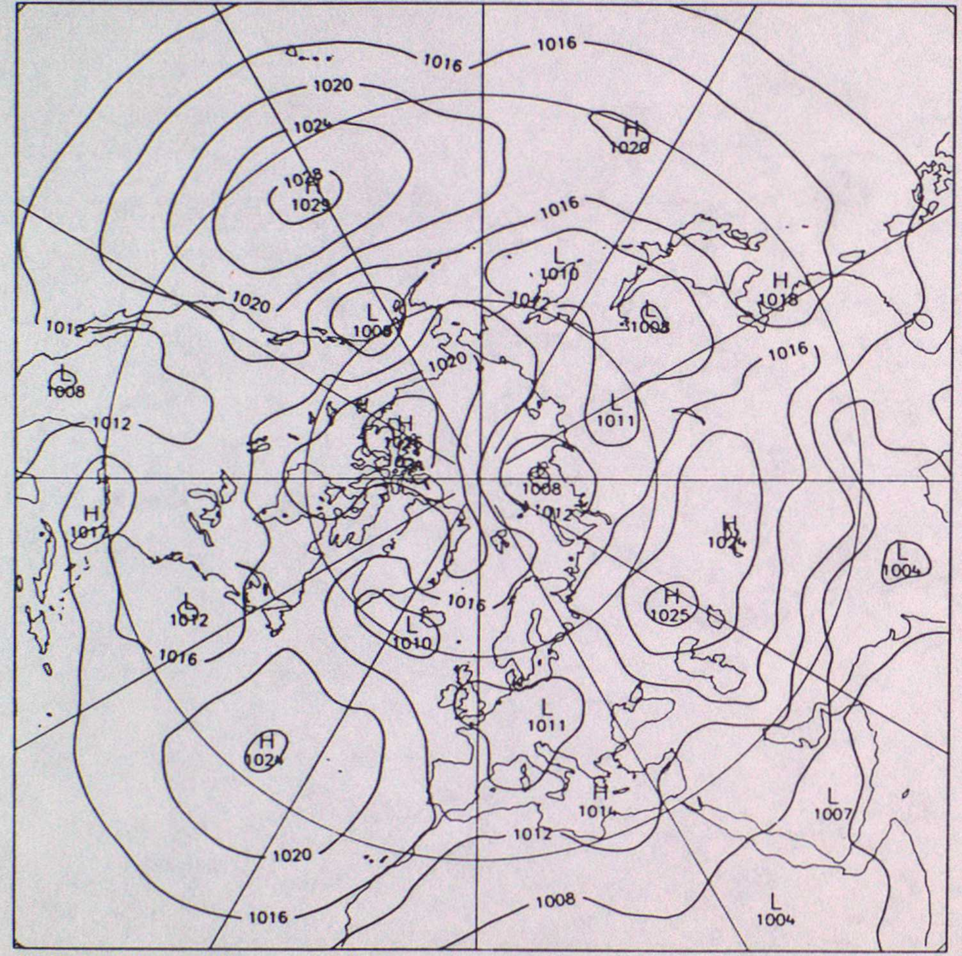
→ REPRESENTS 40 M/S

APRIL
1986

OPERATIONAL ARCHIVE MEANS. APRIL 1986
PMSL
AVERAGE FROM 0Z ON 1/4/1986 DAY 91 TO 12Z ON 30/4/1986 DAY 120
LEVEL: SEA LEVEL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CONTOUR INTERVAL: 4 MB UNITS: MB

OPERATIONAL ARCHIVE MEANS. APRIL 1986
PMSL
AVERAGE FROM 0Z ON 1/4/1986 DAY 91 TO 12Z ON 30/4/1986 DAY 120
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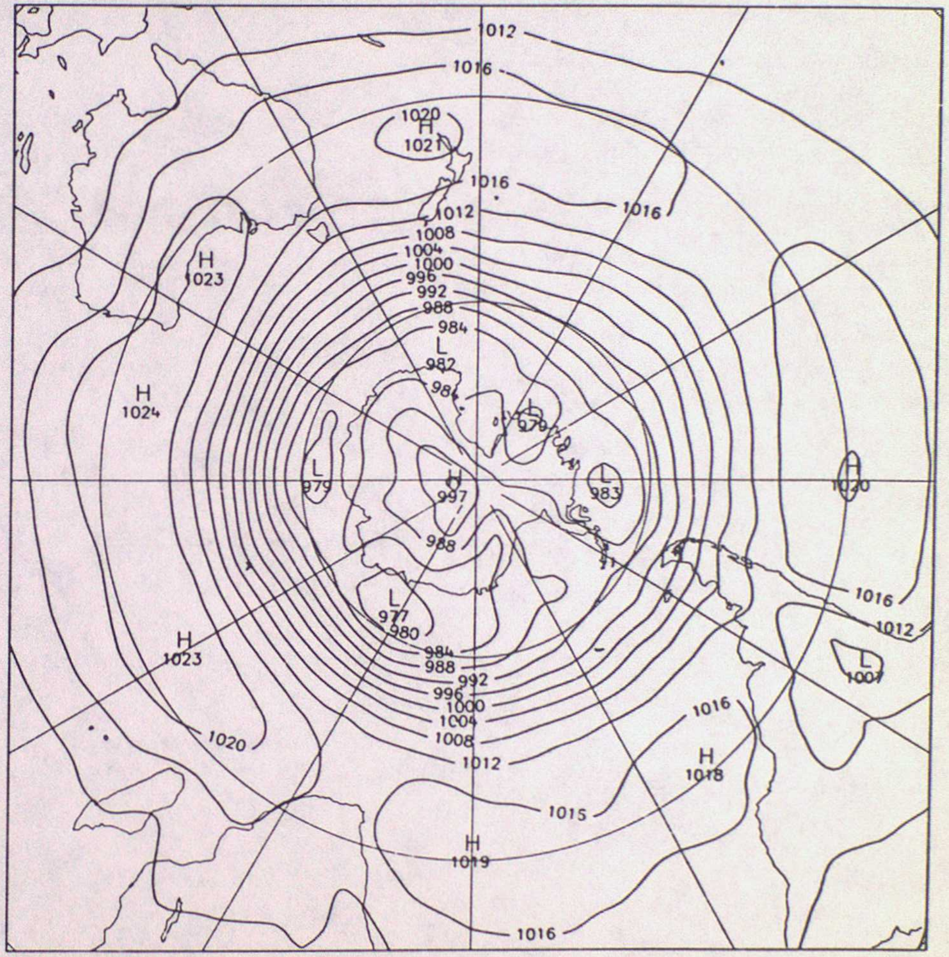
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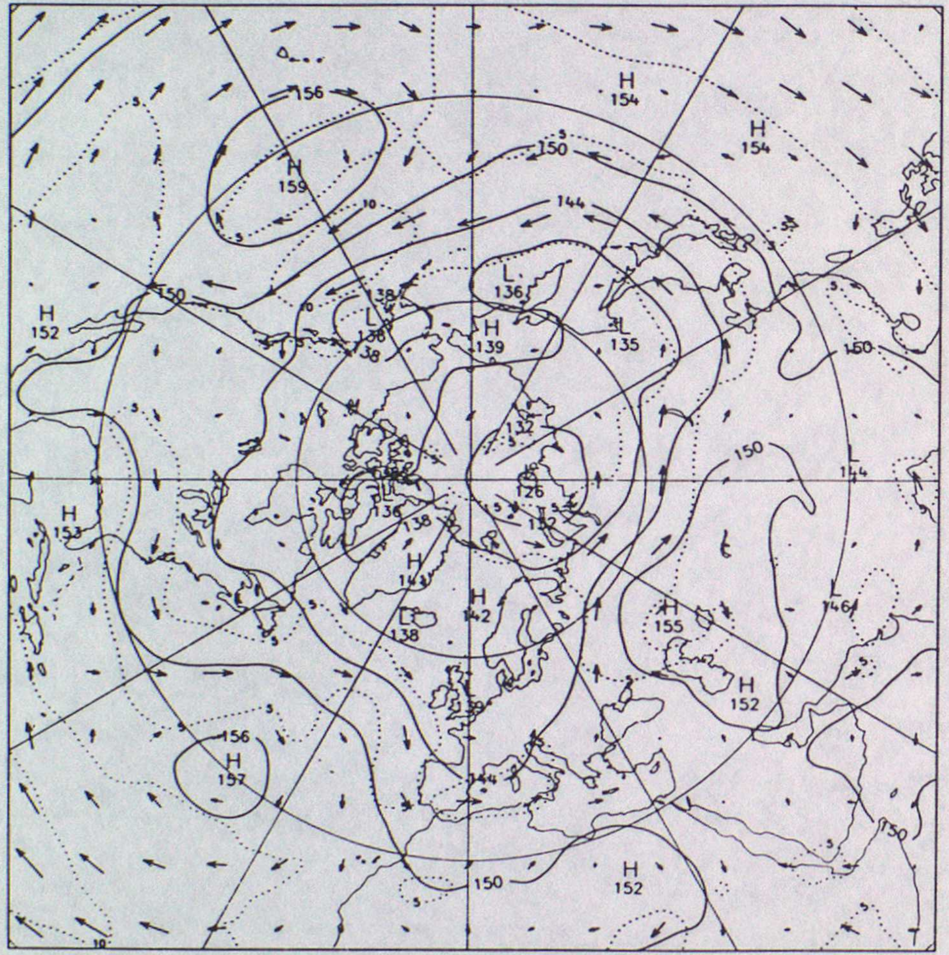
CONTOUR INTERVAL: 4 MB UNITS: MB

OPERATIONAL ARCHIVE MEANS. APRIL 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/4/1986 DAY 91 TO 12Z ON 30/4/1986 DAY 120
LEVEL: 850 MB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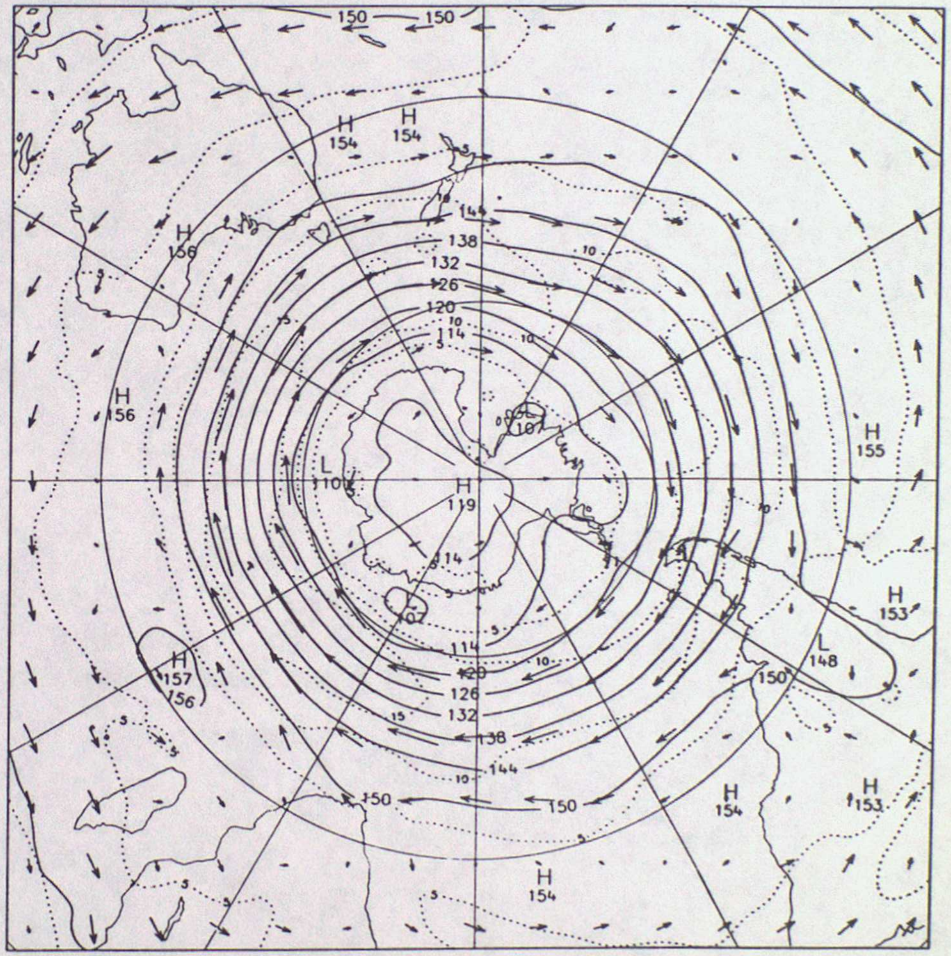
10

→ REPRESENTS 10 M/S CONTOUR INTERVAL: 60 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. APRIL 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/4/1986 DAY 91 TO 12Z ON 30/4/1986 DAY 120
LEVEL: 850 MB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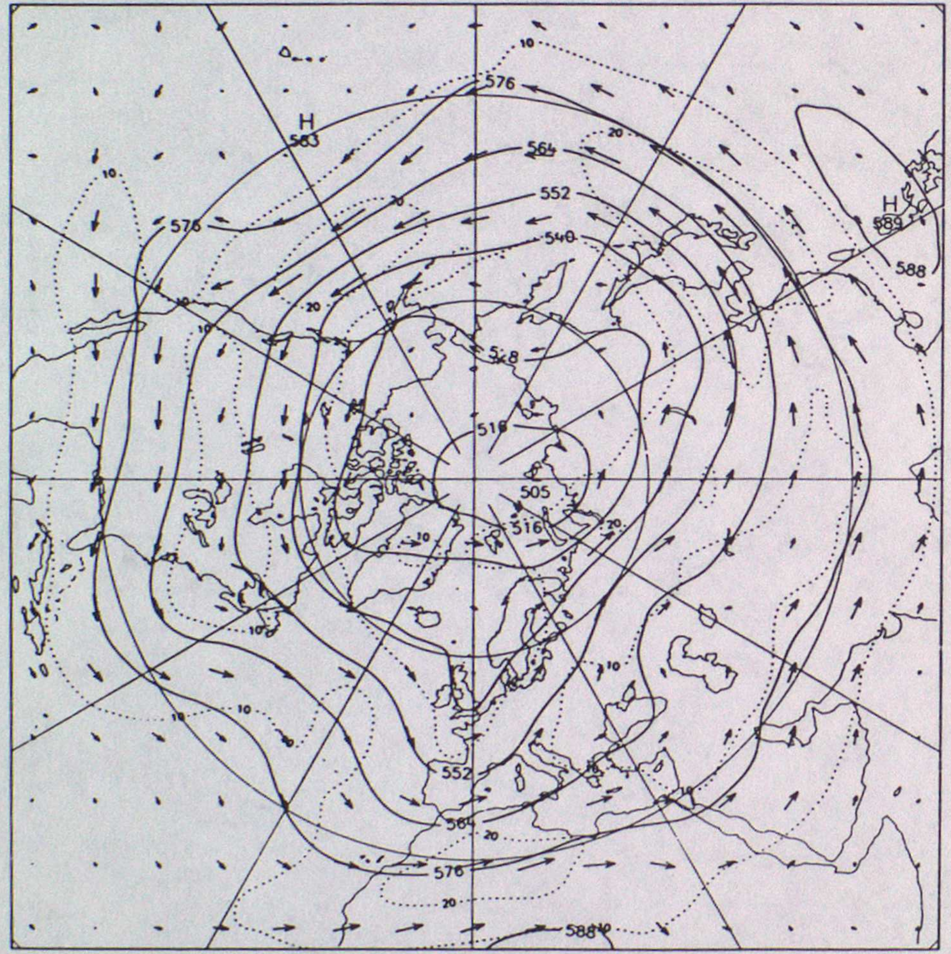
→ REPRESENTS 10 M/S CONTOUR INTERVAL: 60 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. APRIL 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/4/1986 DAY 91 TO 12Z ON 30/4/1986 DAY 120
LEVEL: 500 MB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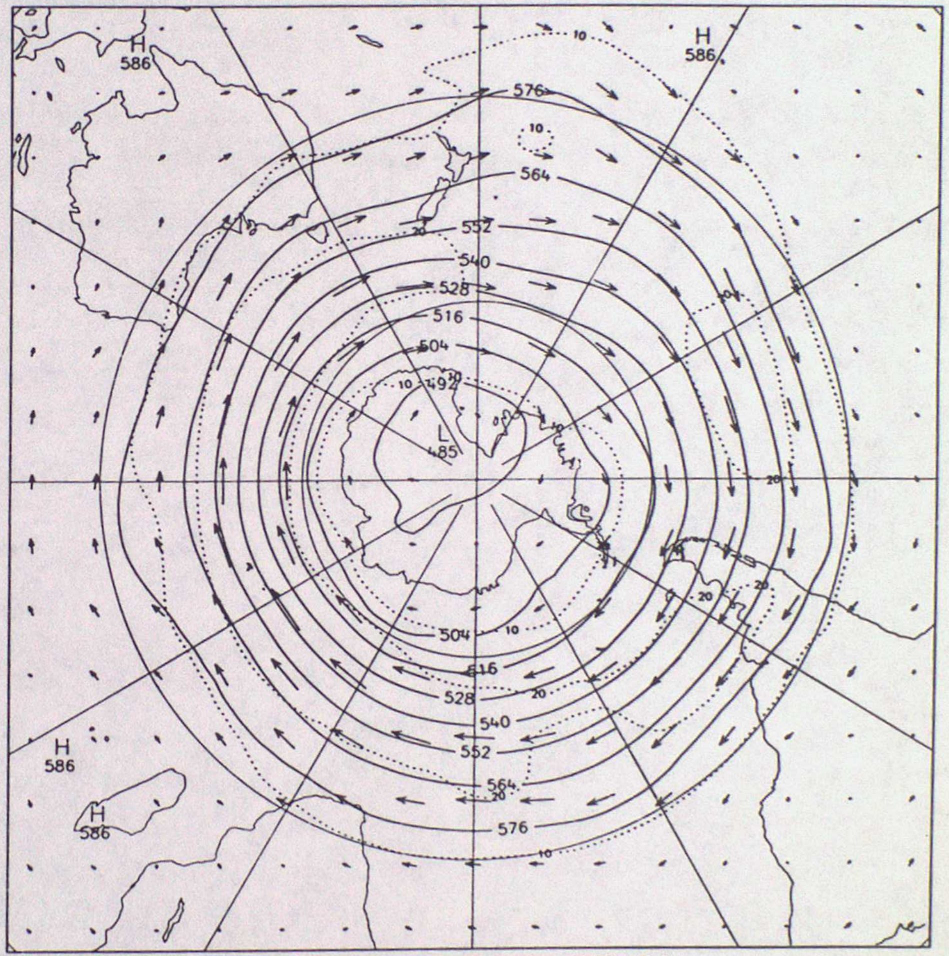
→ REPRESENTS 20 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. APRIL 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/4/1986 DAY 91 TO 12Z ON 30/4/1986 DAY 120
LEVEL: 500 MB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→ REPRESENTS 20 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. APRIL 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/4/1986 DAY 91 TO 12Z ON 30/4/1986 DAY 120
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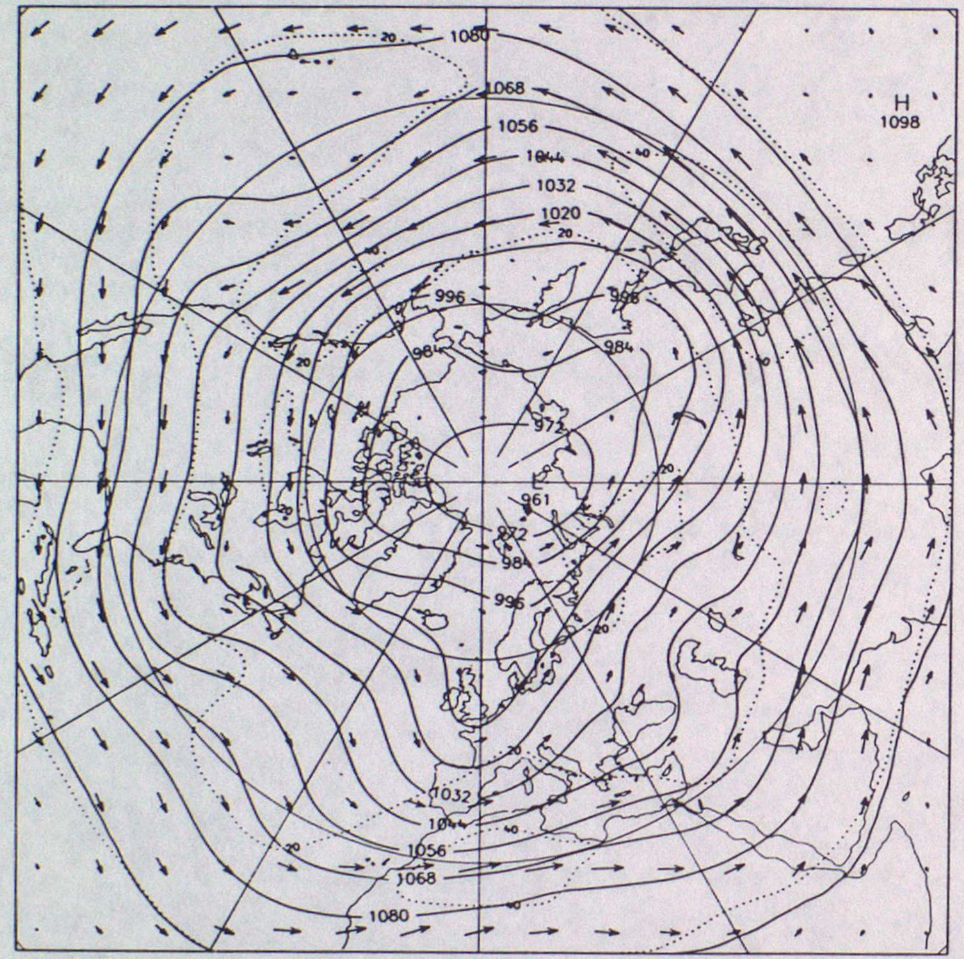
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→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. APRIL 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/4/1986 DAY 91 TO 12Z ON 30/4/1986 DAY 120
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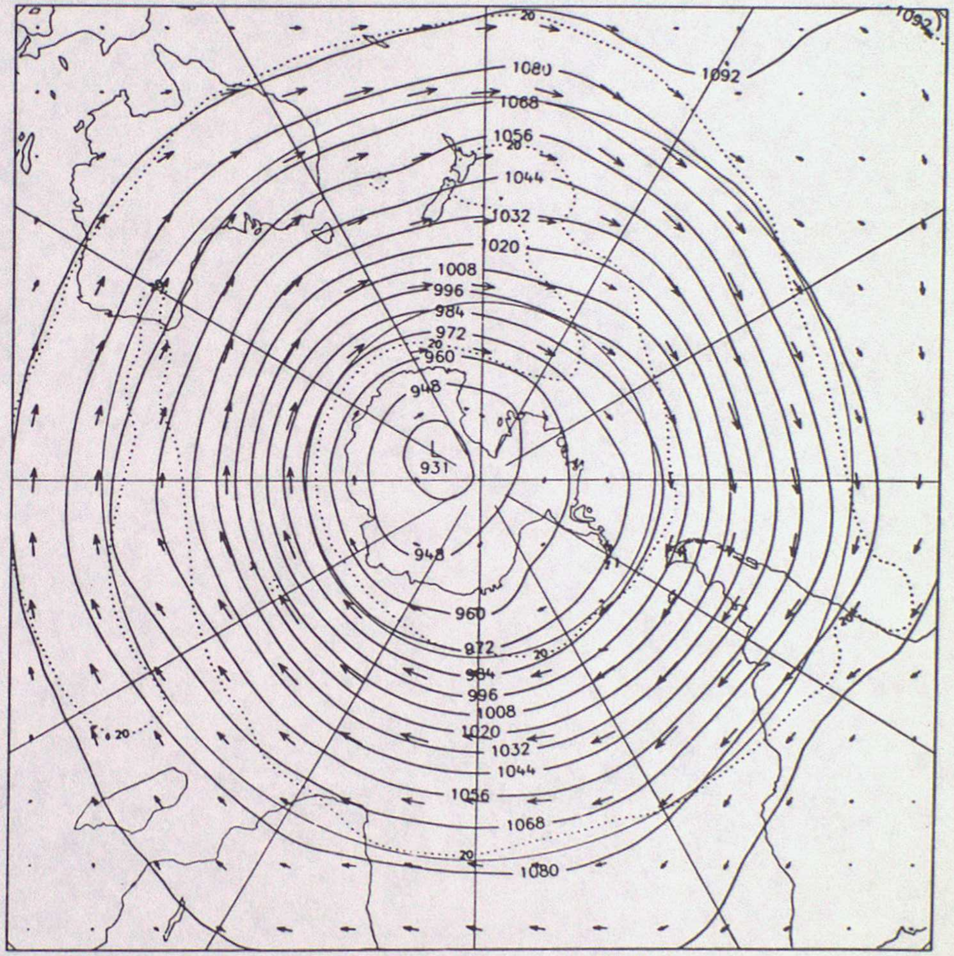
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→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. APRIL 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/4/1986 DAY 91 TO 12Z ON 30/4/1986 DAY 120
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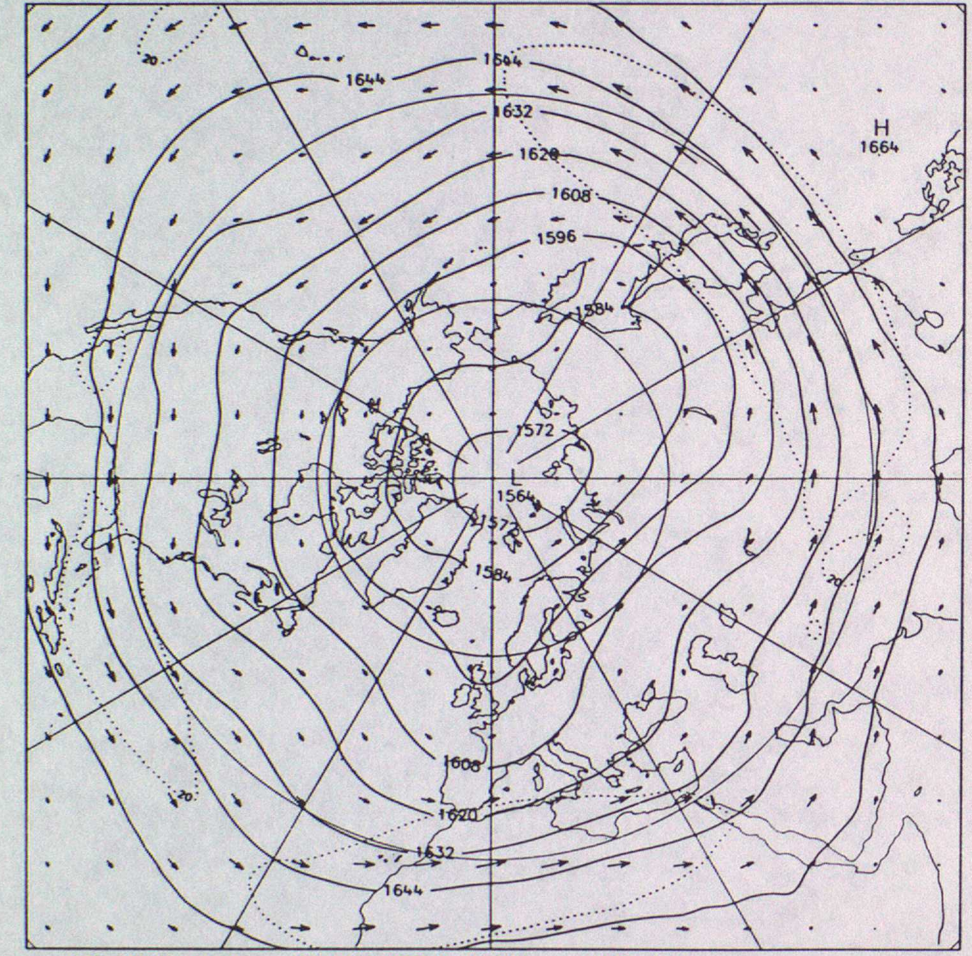
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→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. APRIL 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/4/1986 DAY 91 TO 12Z ON 30/4/1986 DAY 120
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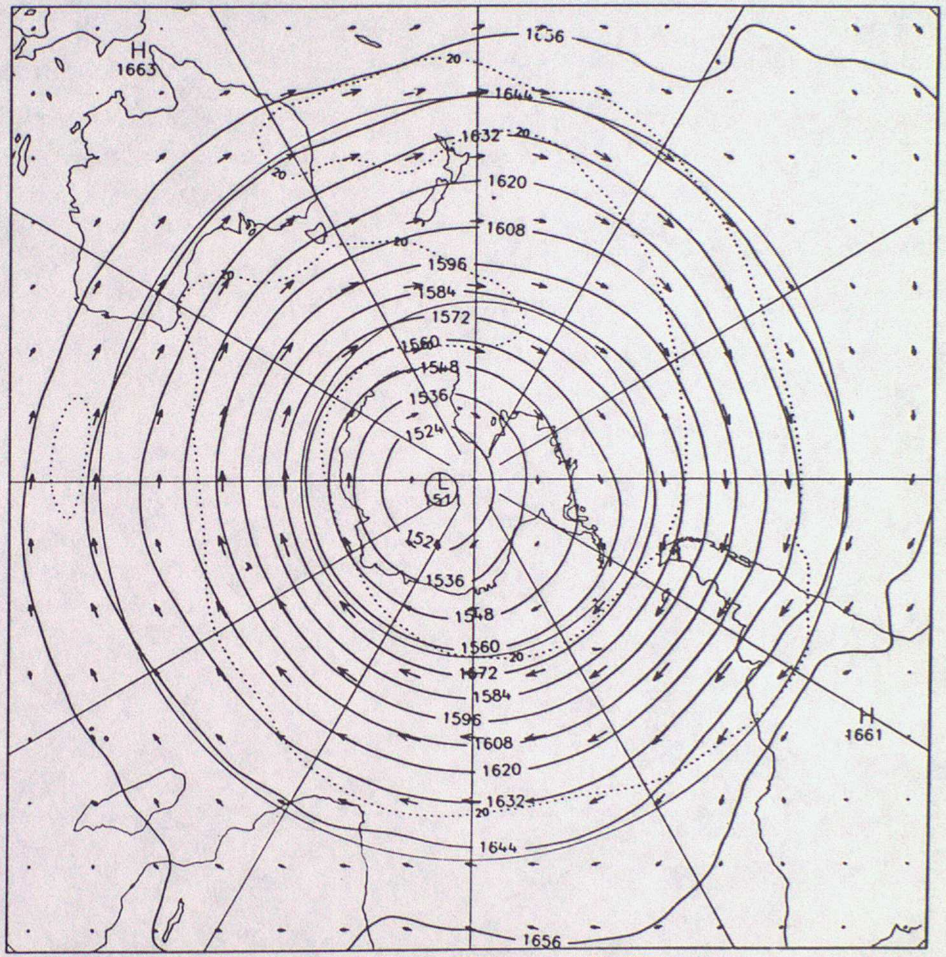
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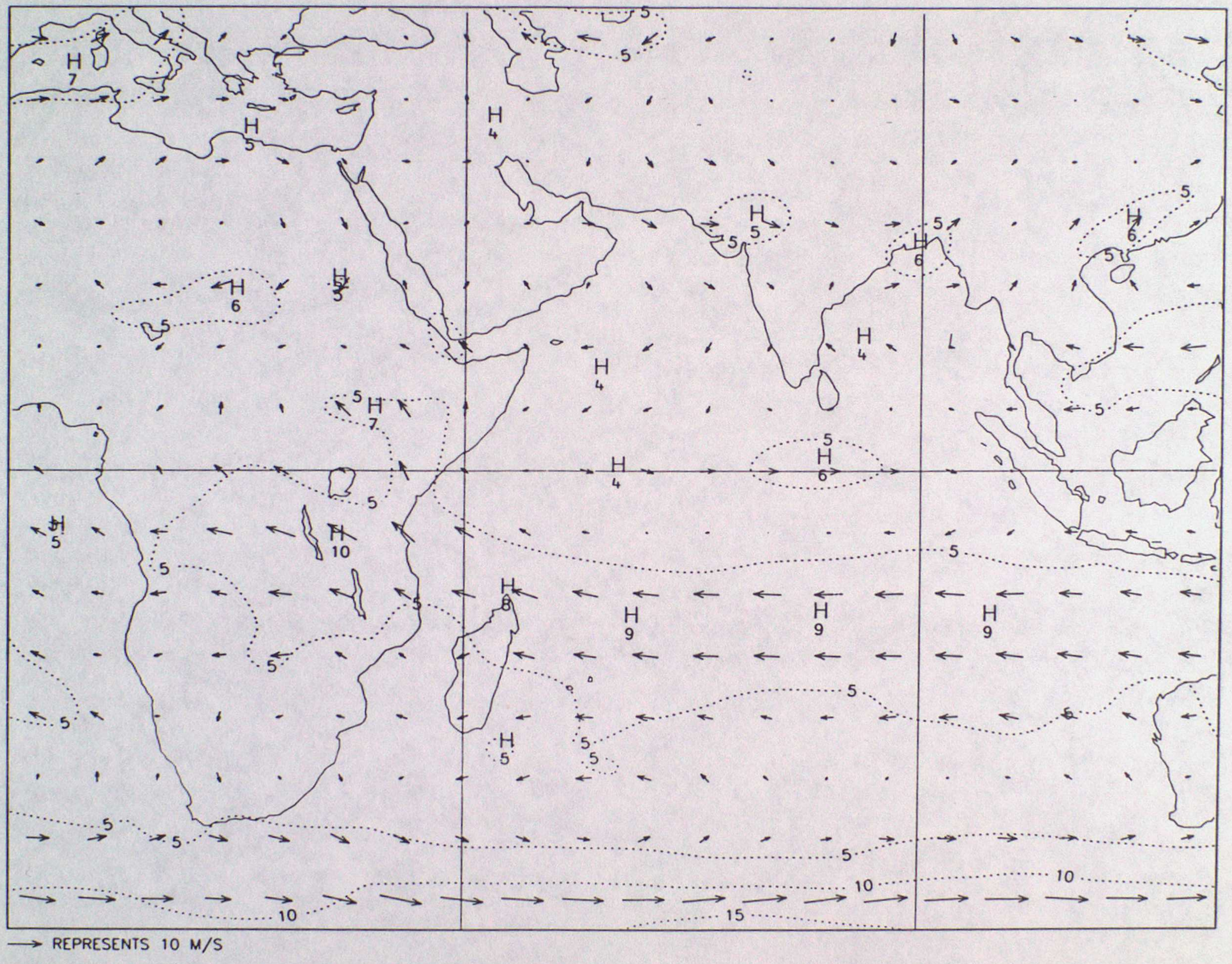
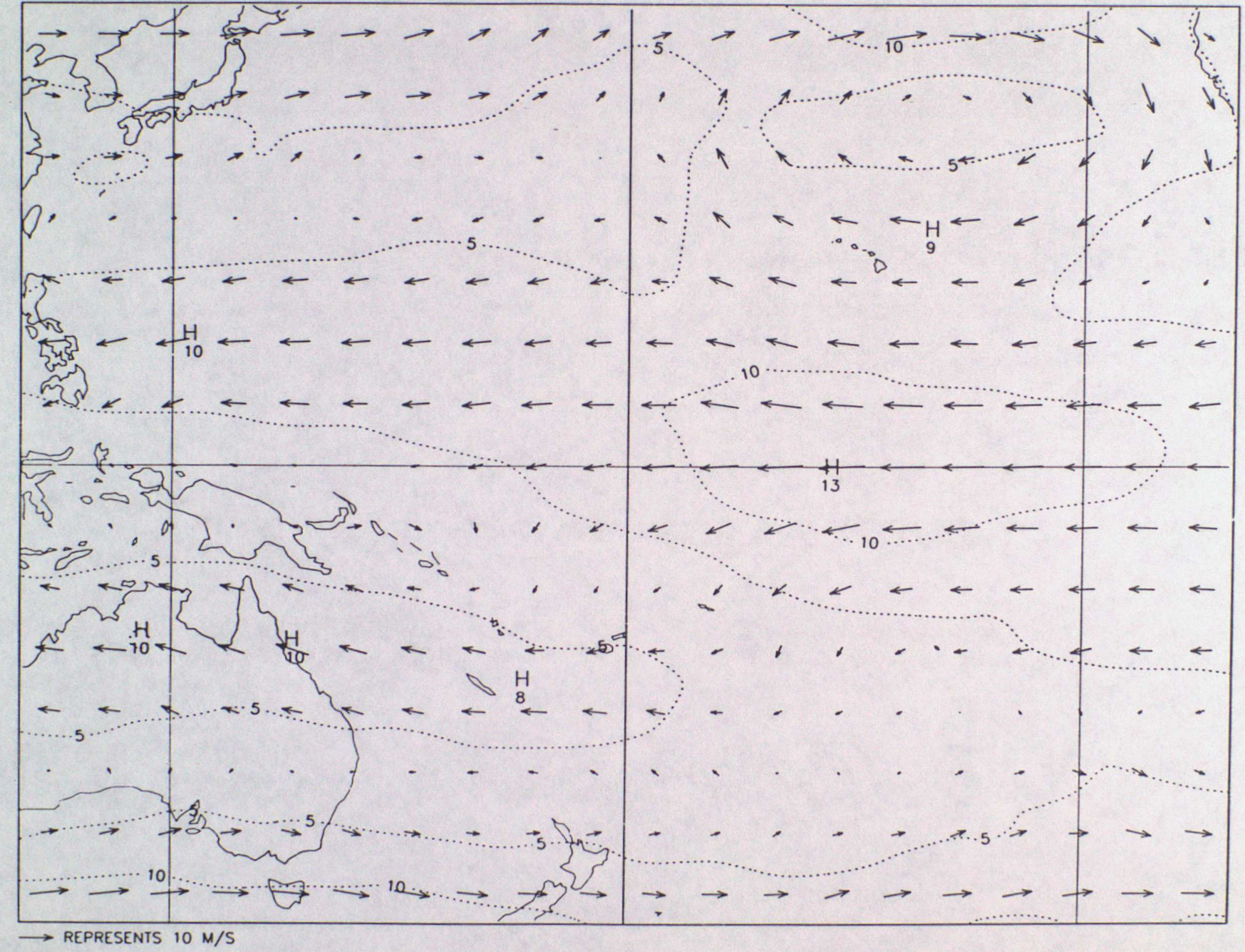
20
1596
1584
1572
1560
1548
1536
1524
L
151
1524
1536
1548
1560
20
1572
1584
1596
1608
1620
1632
20
1644
1656
H
1661

→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. APRIL 1986
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/4/1986 DAY 91 TO 12Z ON 30/4/1986 DAY 120
850 MBS. BETWEEN LONGS. 0 E - 120 E

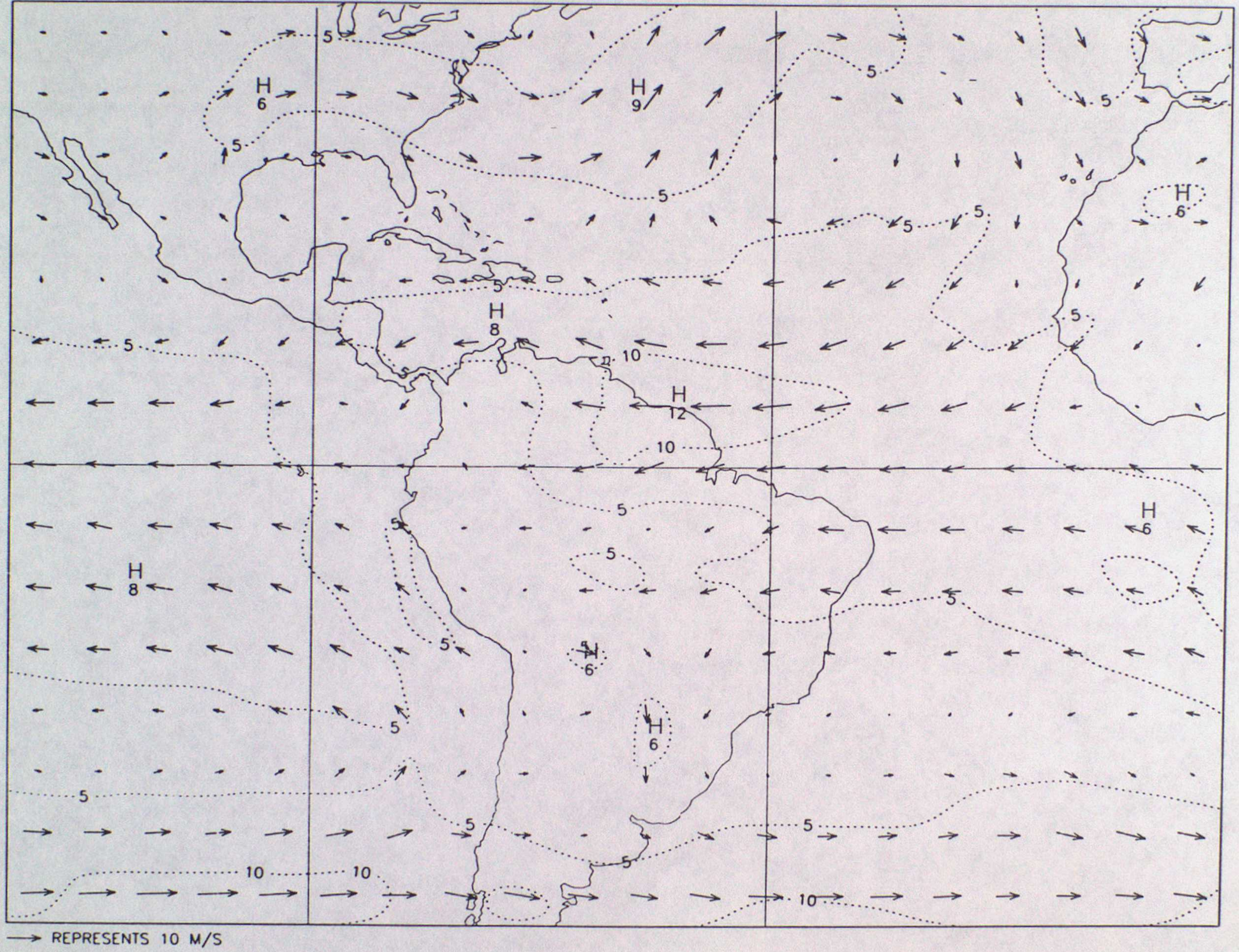

H 7
H 5
H 4
H 5
H 6
H 5
H 6
H 4
H 4
L
H 7
H 6
H 4
H 5
H 10
H 8
H 9
H 9
H 9
H 5
5
10
15
→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS. APRIL 1986
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/4/1986 DAY 91 TO 12Z ON 30/4/1986 DAY 120
850 MBS. BETWEEN LONGS. 120 E - 120 W

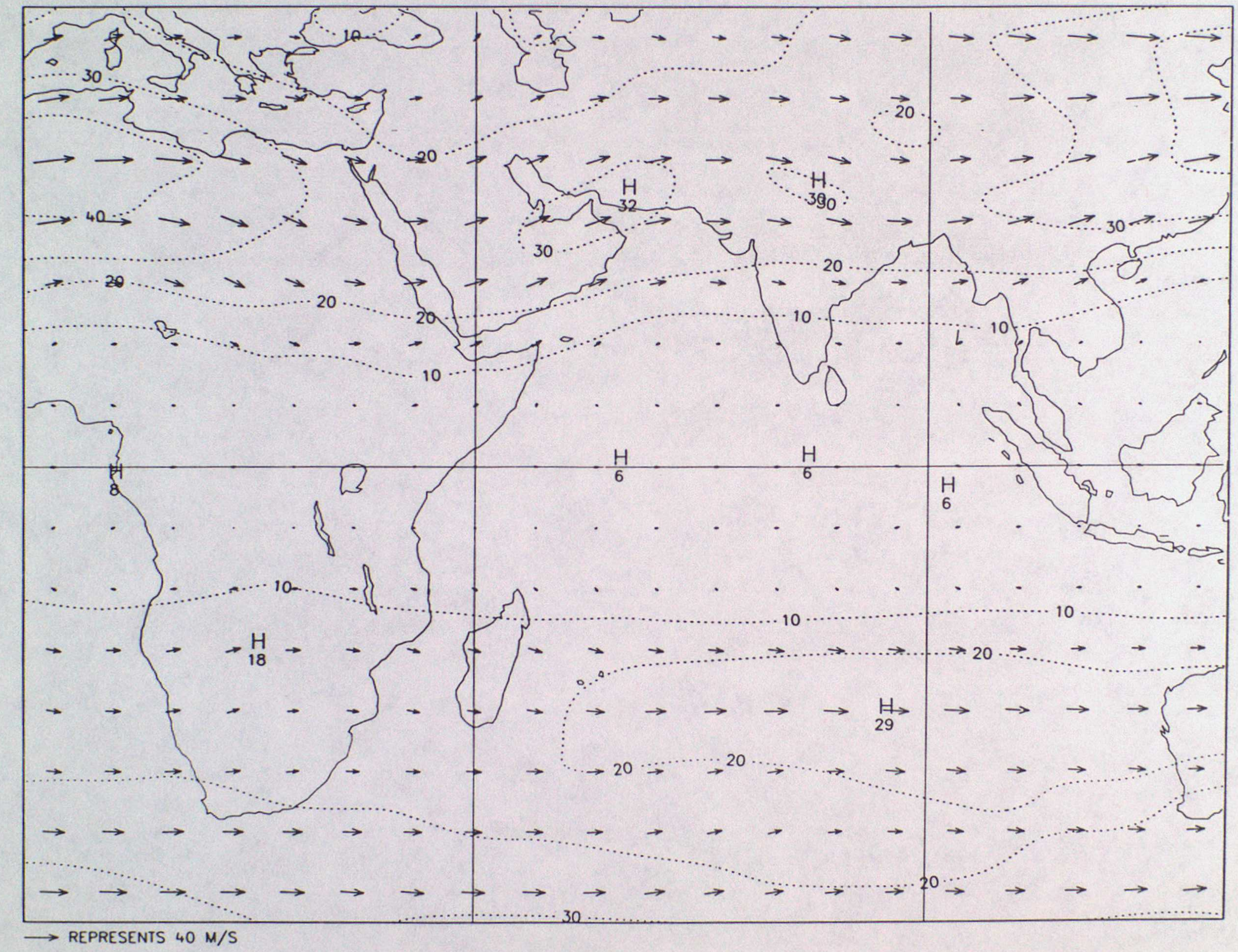


10
5
5
H
9
5
H
10
10
H
13
10
5
H
10
H
10
5
H
8
5
5
5
5
5
10
10
→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS. APRIL 1986
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/4/1986 DAY 91 TO 12Z ON 30/4/1986 DAY 120
850 MBS. BETWEEN LONGS. 120 W - 0 W


H
6
H
9
H
8
H
12
H
6
H
8
H
6
H
6
H
6
5
10
→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS. APRIL 1986
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/4/1986 DAY 91 TO 12Z ON 30/4/1986 DAY 120
250 MBS. BETWEEN LONGS. 0 E - 120 E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10
H
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L
30
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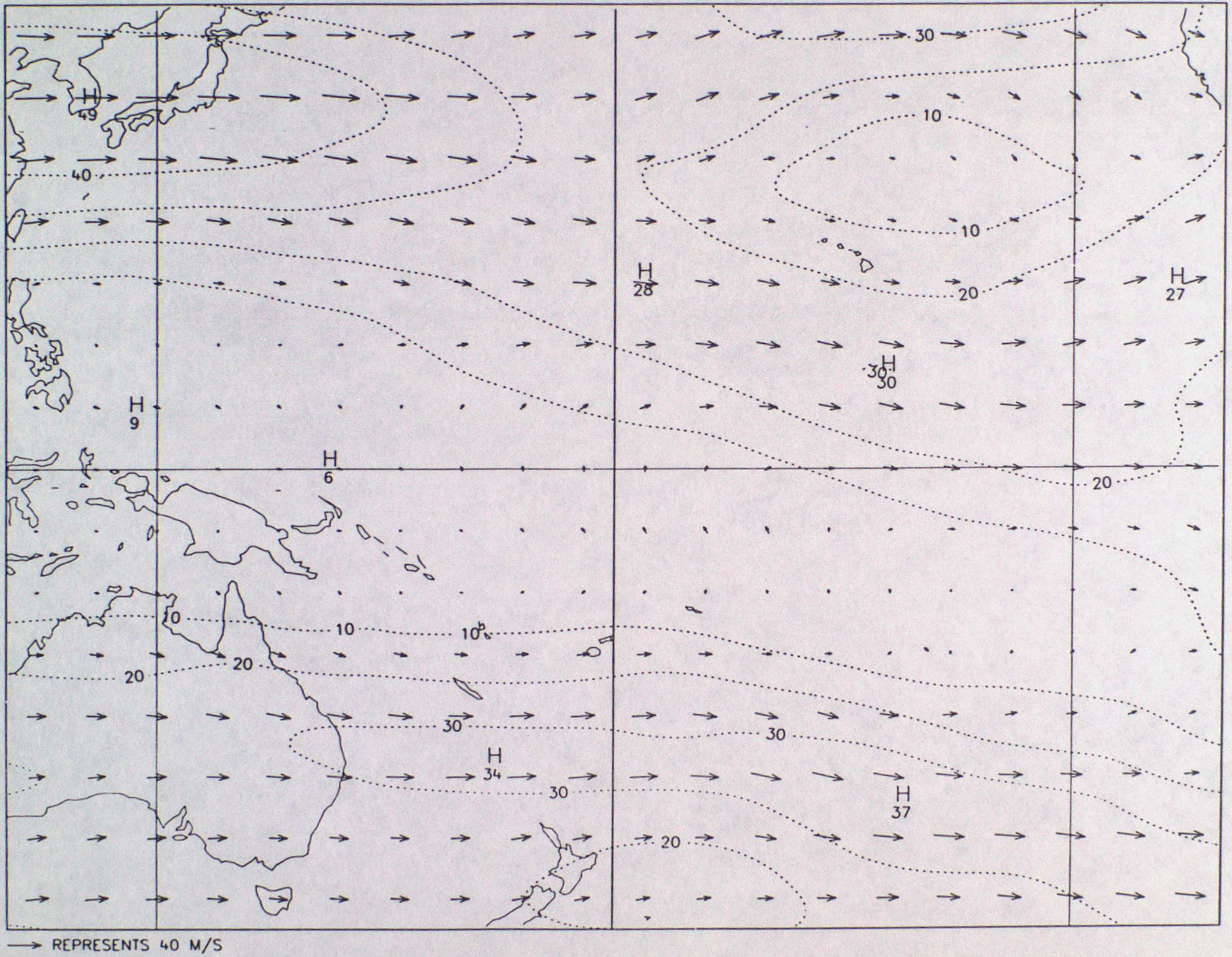
8
H
6
H
6
H
6
10
10
10
H
18
20
H
29
20
20
20
30
→ REPRESENTS 40 M/S

OPERATIONAL ARCHIVE MEANS. APRIL 1986
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/4/1986 DAY 91 TO 12Z ON 30/4/1986 DAY 120
250 MBS. BETWEEN LONGS. 120 E - 120 W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30
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9
H
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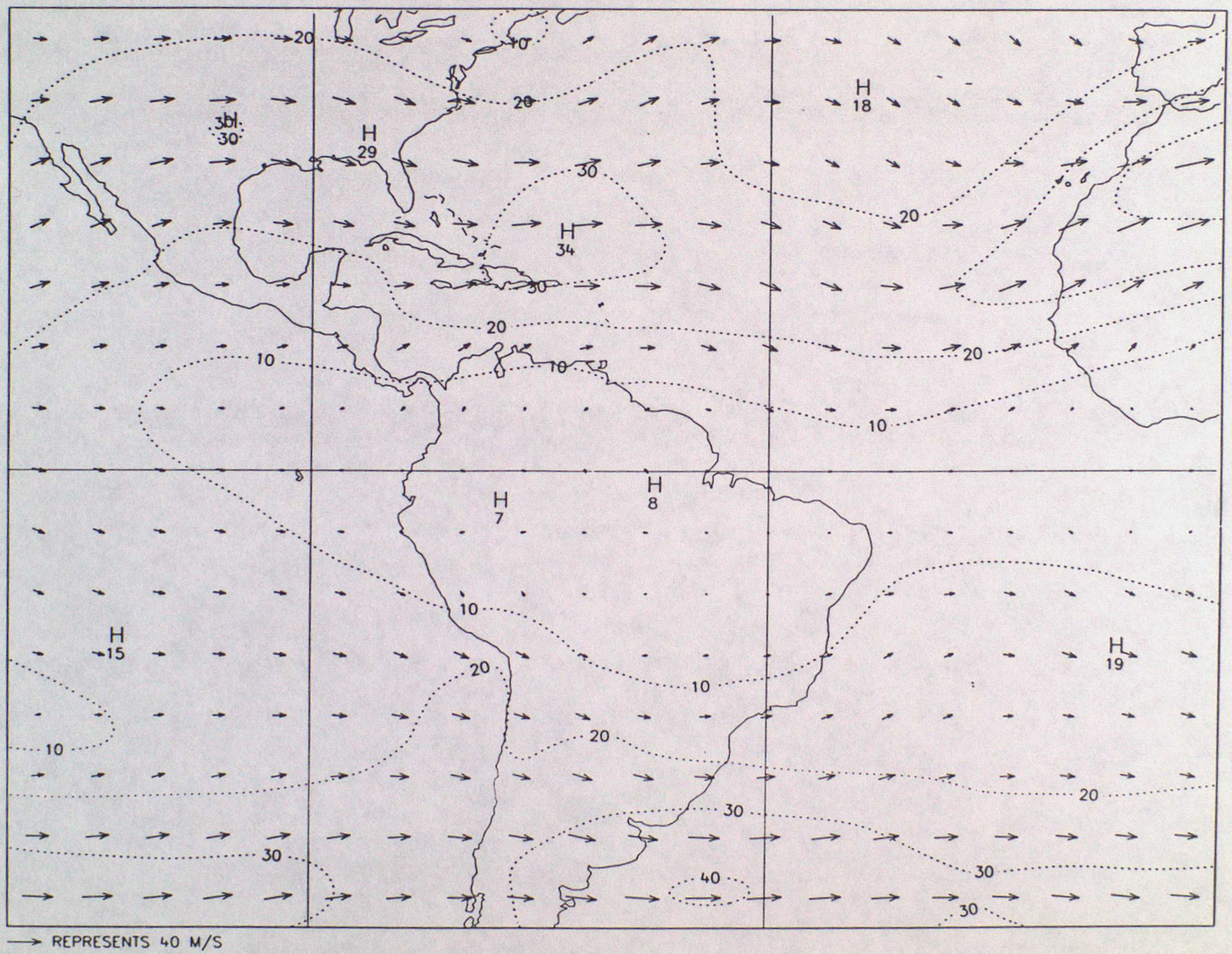
20
10
10
10
20
20
30
30
H
34
30
H
37
20
→ REPRESENTS 40 M/S

OPERATIONAL ARCHIVE MEANS.   APRIL   1986
WIND ARROWS AND ISOTACHS   BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/4/1986 DAY 91 TO 12Z ON 30/4/1986 DAY 120
250 MBS.   BETWEEN LONGS. 120 W - 0 W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29
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10
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10
H
7
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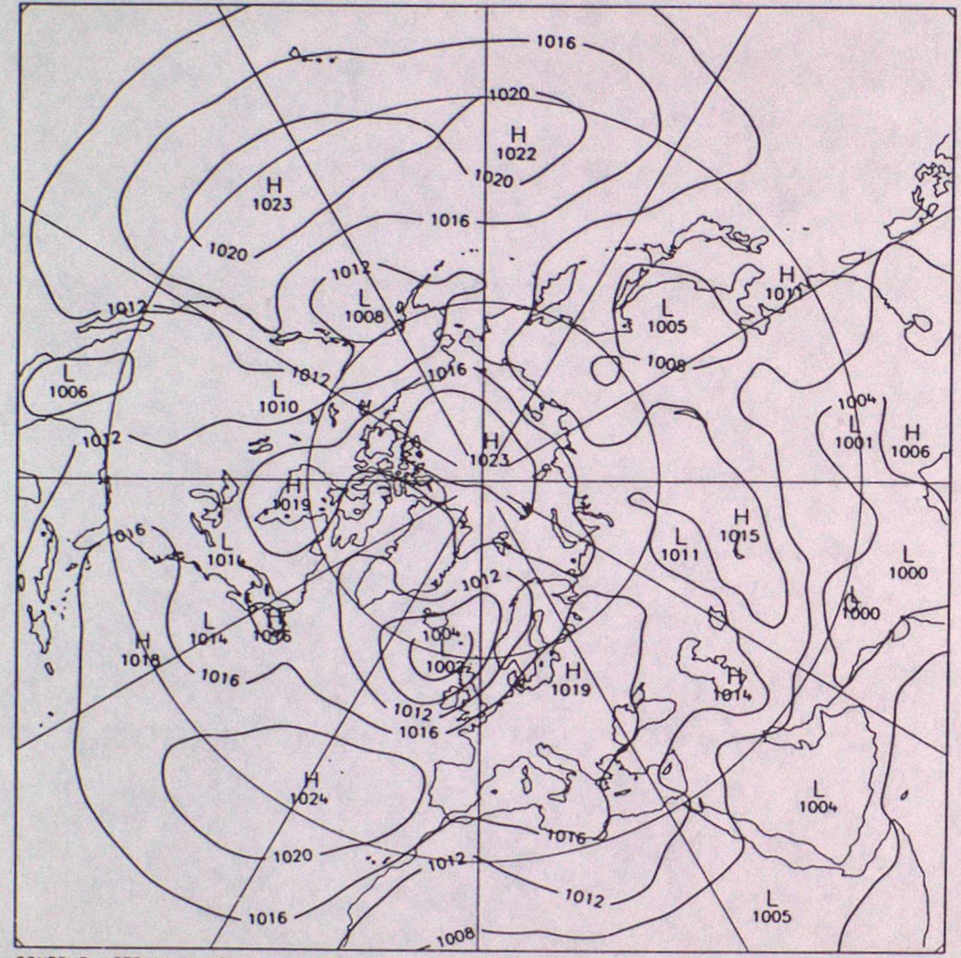
8
H
15
10
20
10
H
19
20
20
30
30
30
40
30
→ REPRESENTS 40 M/S

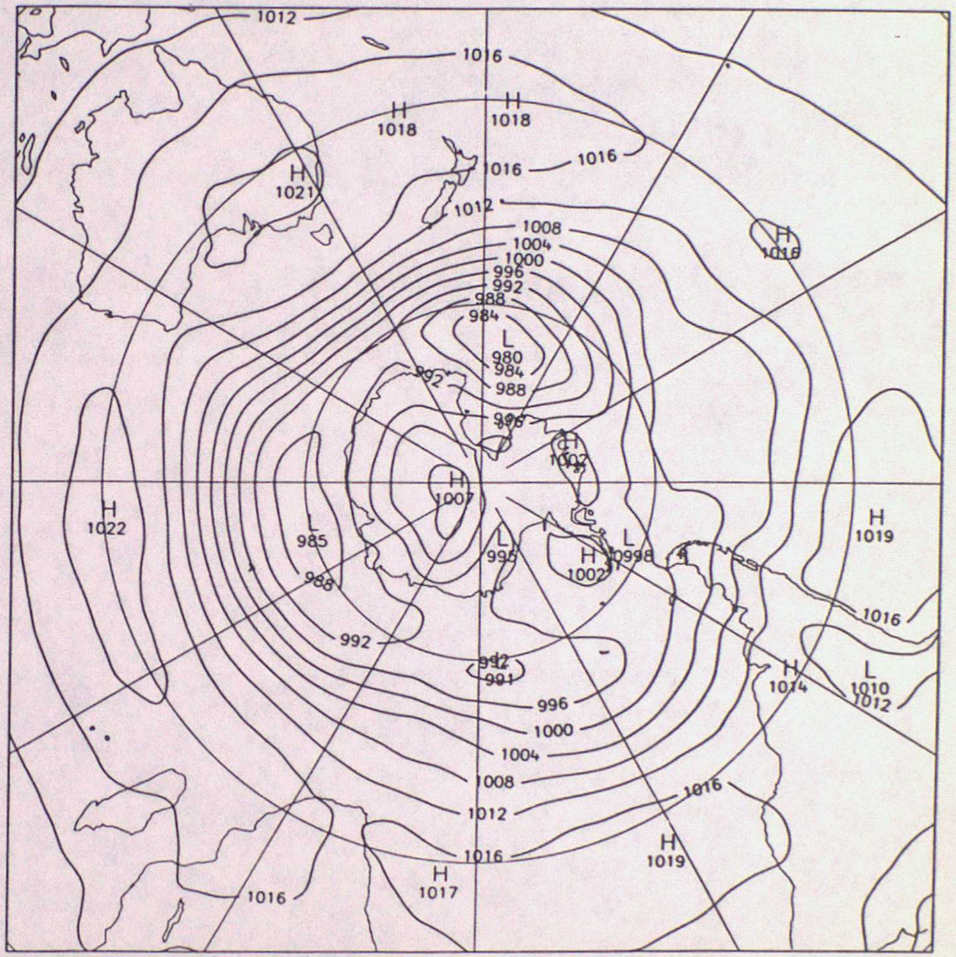
MAY
1986

OPERATIONAL ARCHIVE MEANS. MAY 1986
PMSL
AVERAGE FROM 0Z ON 1/5/1986 DAY 121 TO 12Z ON 31/5/1986 DAY 151
LEVEL: SEA LEVEL


H 1022
H 1023
L 1008
L 1005
H 1011
L 1006
L 1010
H 1023
L 1001
H 1006
H 1019
L 1014
L 1011
H 1015
L 1000
H 1018
L 1014
H 1016
L 1000
L 1002
H 1019
H 1014
H 1024
L 1004
L 1005
1004
1008
1012
1016
1020

CONTOUR INTERVAL: 4 MB UNITS: MB

OPERATIONAL ARCHIVE MEANS. MAY 1986
PMSL
AVERAGE FROM 0Z ON 1/5/1986 DAY 121 TO 12Z ON 31/5/1986 DAY 151
LEVEL: SEA LEVEL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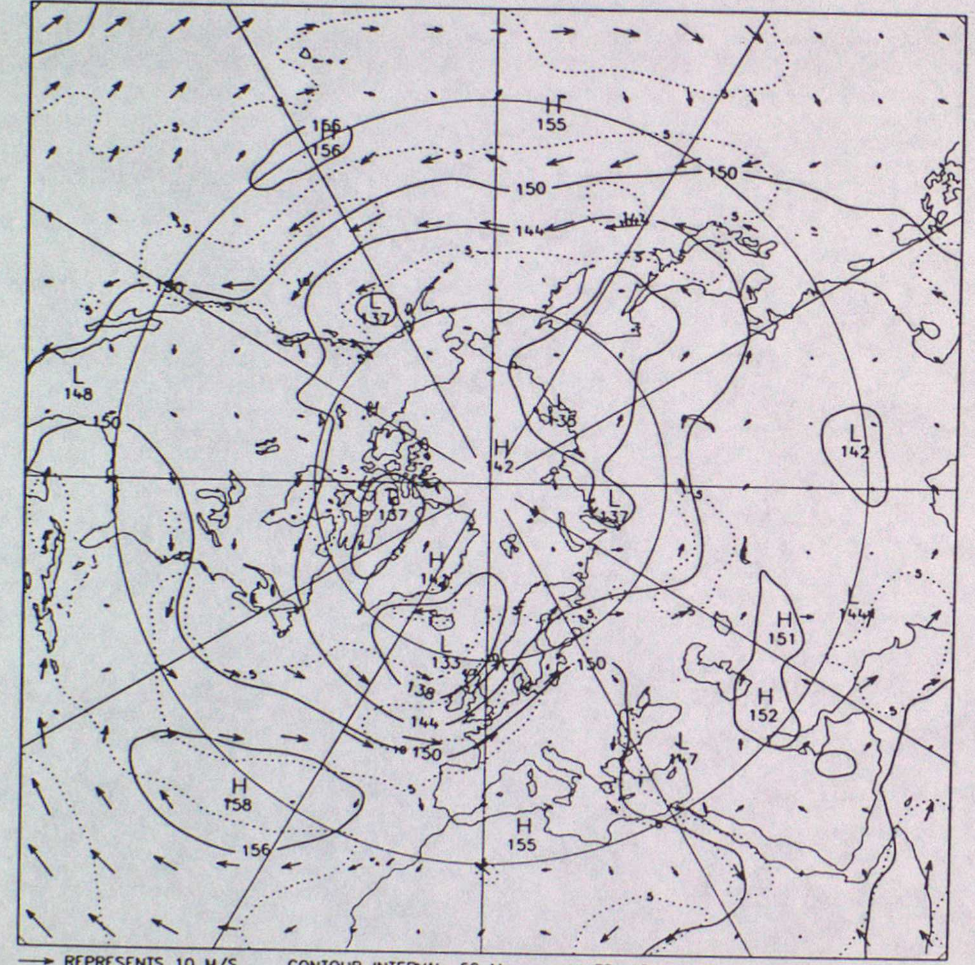
H 1002
H 1022
L 985
H 1007
L 995
H 1002
L 998
H 1019
L 991
H 1014
L 1010
H 1019
H 1017
984
988
992
996
1000
1004
1008
1012
1016

CONTOUR INTERVAL: 4 MB UNITS: MB

OPERATIONAL ARCHIVE MEANS. MAY 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/5/1986 DAY 121 TO 12Z ON 31/5/1986 DAY 151
LEVEL: 850 MB


H 155
156
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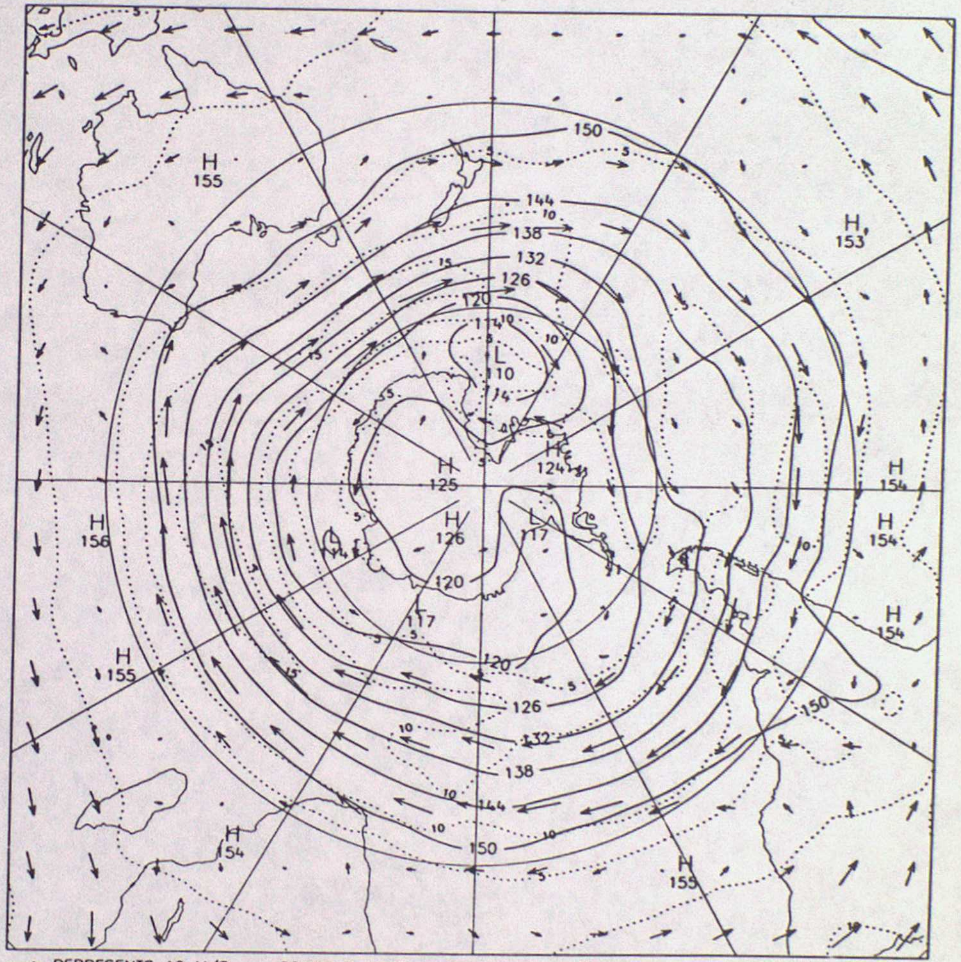
144
L 137
L 148
L 135
H 142
L 142
L 137
H 137
H 143
L 133
138
144
150
H 151
H 152
L 147
H 158
156
H 155
5

→ REPRESENTS 10 M/S CONTOUR INTERVAL: 60 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAY 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/5/1986 DAY 121 TO 12Z ON 31/5/1986 DAY 151
LEVEL: 850 MB


150
H 155
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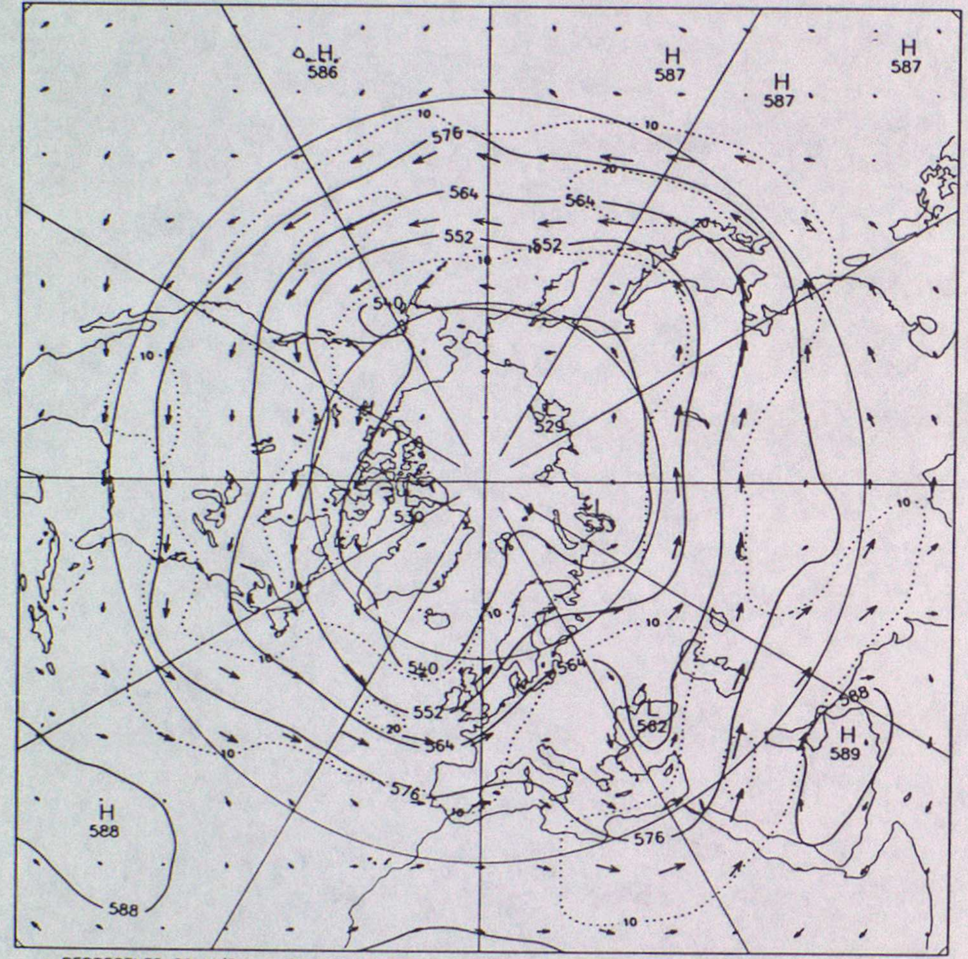
138
132
126
120
114
L 110
114
H 153
H 124
H 125
H 126
L 117
H 154
H 154
H 156
120
117
H 154
H 155
120
126
132
138
144
150
H 154
H 155
5
10
15

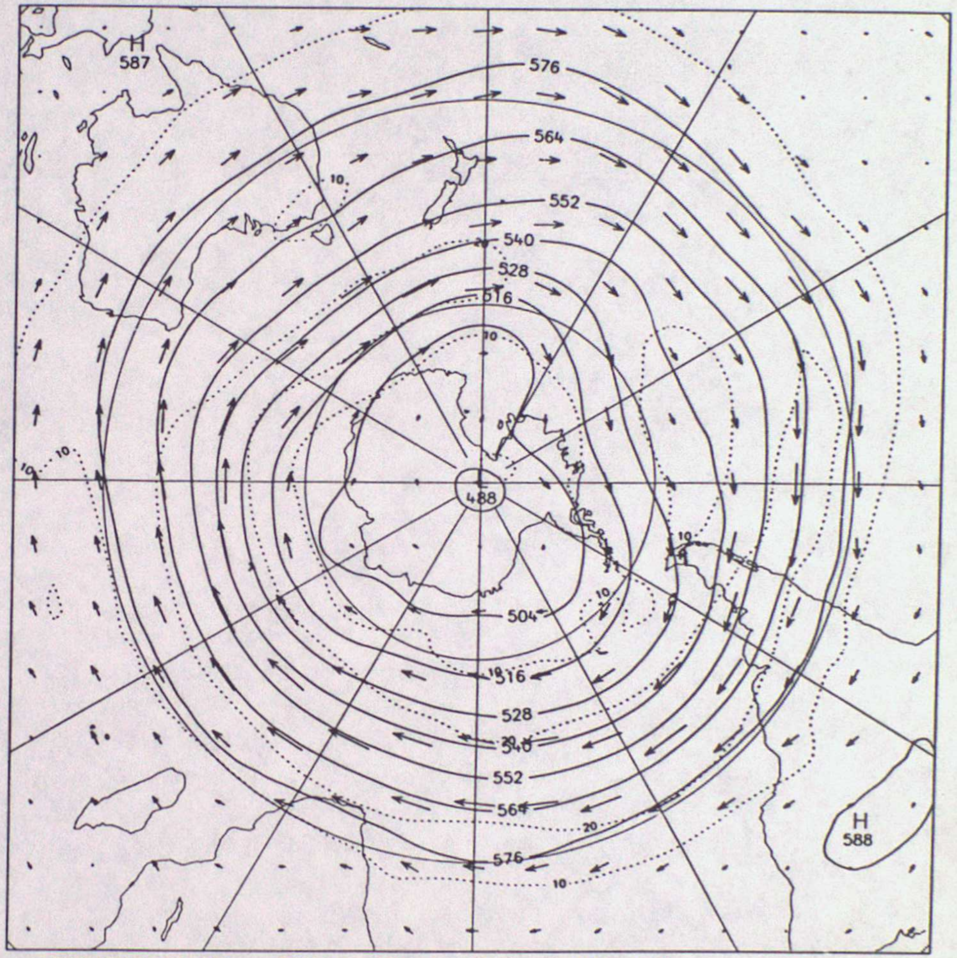
→ REPRESENTS 10 M/S CONTOUR INTERVAL: 60 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAY 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/5/1986 DAY 121 TO 12Z ON 31/5/1986 DAY 151
LEVEL: 500 MB


H 586
H 587
H 587
H 587
576
564
564
552
552
540
529
530
533
540
552
564
564
576
576
L 582
H 589
588
H 588
588
10
20

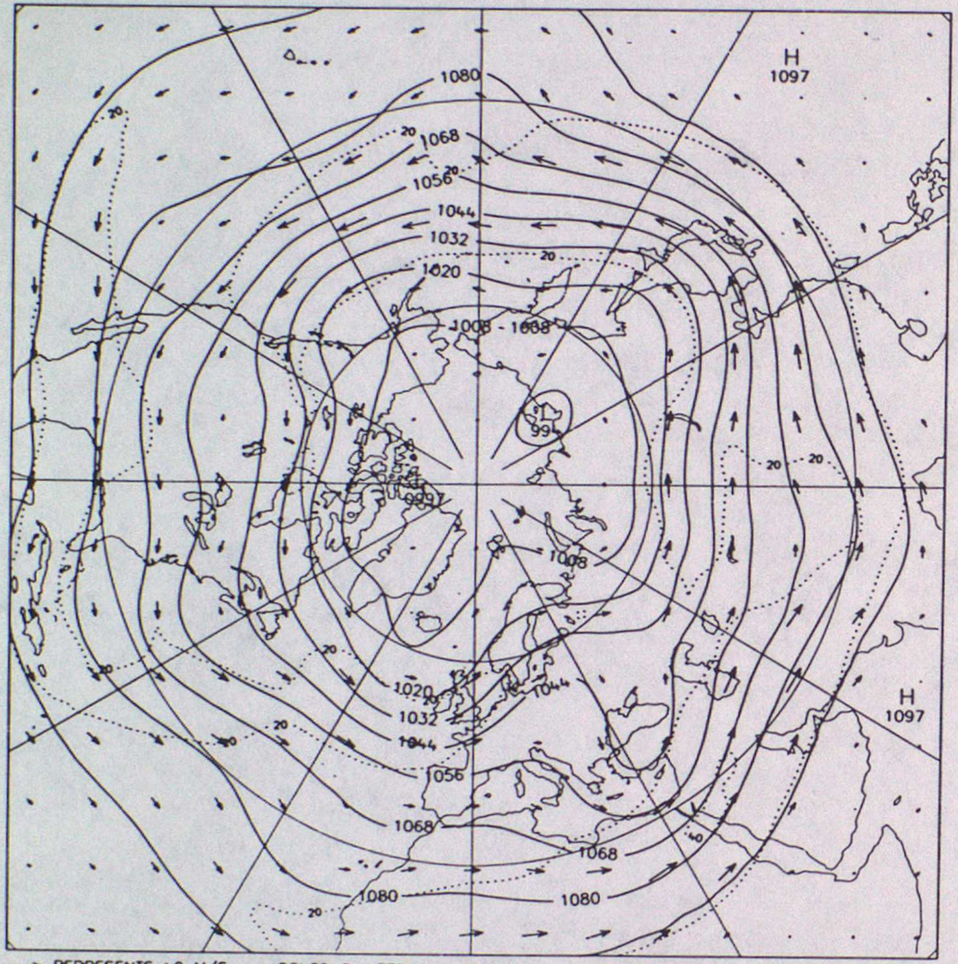
→ REPRESENTS 20 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAY 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/5/1986 DAY 121 TO 12Z ON 31/5/1986 DAY 151
LEVEL: 500 MB


H 587
576
564
552
540
528
516
488
504
516
528
540
552
564
576
H 588
10
20

→ REPRESENTS 20 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

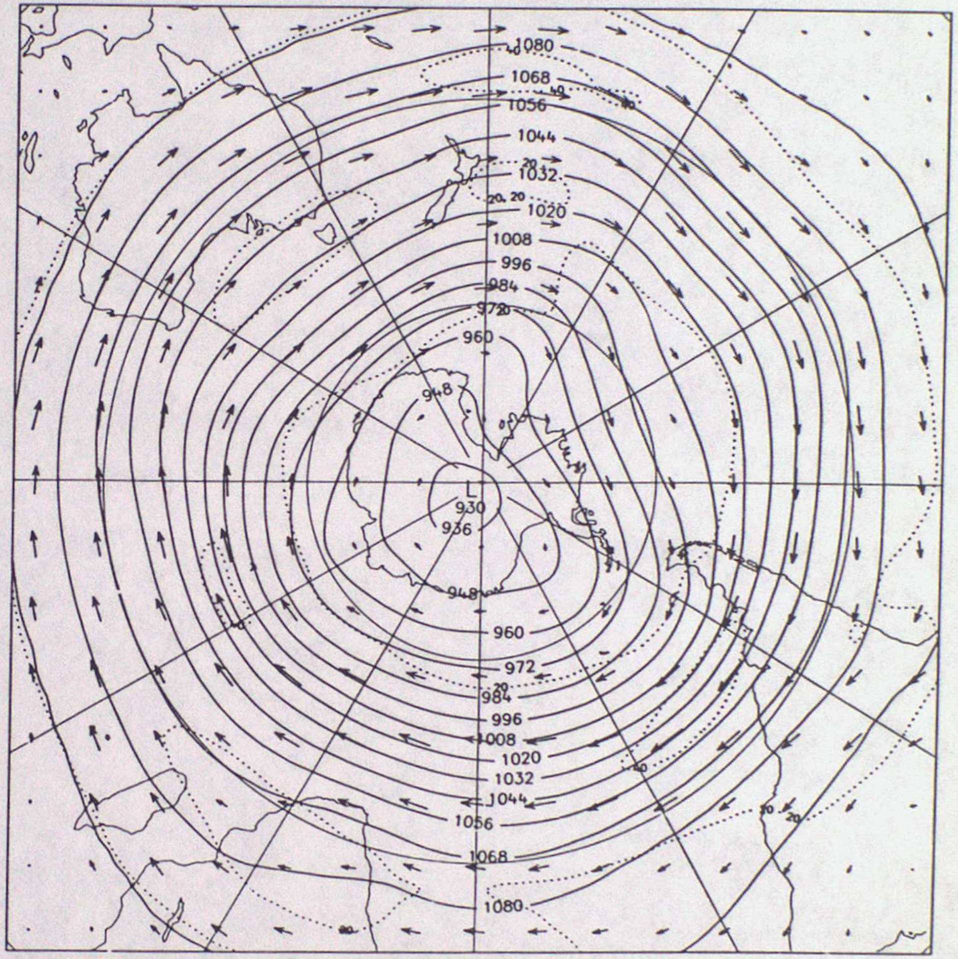
OPERATIONAL ARCHIVE MEANS. MAY 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/5/1986 DAY 121 TO 12Z ON 31/5/1986 DAY 151
LEVEL: 250 MB



H
1097
1080
1068
1056
1044
1032
1020
1008
994
20
40
H
1097

→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

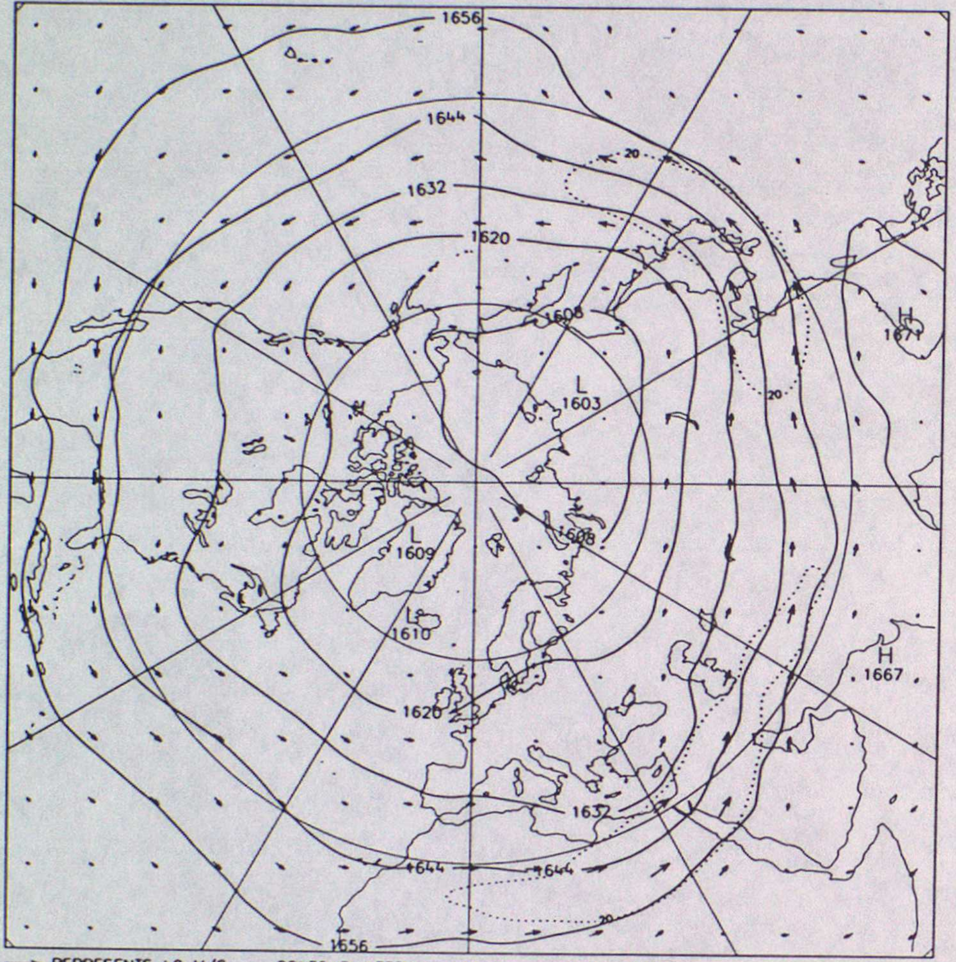
OPERATIONAL ARCHIVE MEANS. MAY 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/5/1986 DAY 121 TO 12Z ON 31/5/1986 DAY 151
LEVEL: 250 MB



1080
1068
1056
1044
1032
1020
1008
996
984
972
960
948
L
930
936
20
40

→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAY 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/5/1986 DAY 121 TO 12Z ON 31/5/1986 DAY 151
LEVEL: 100 MB


1656
1644
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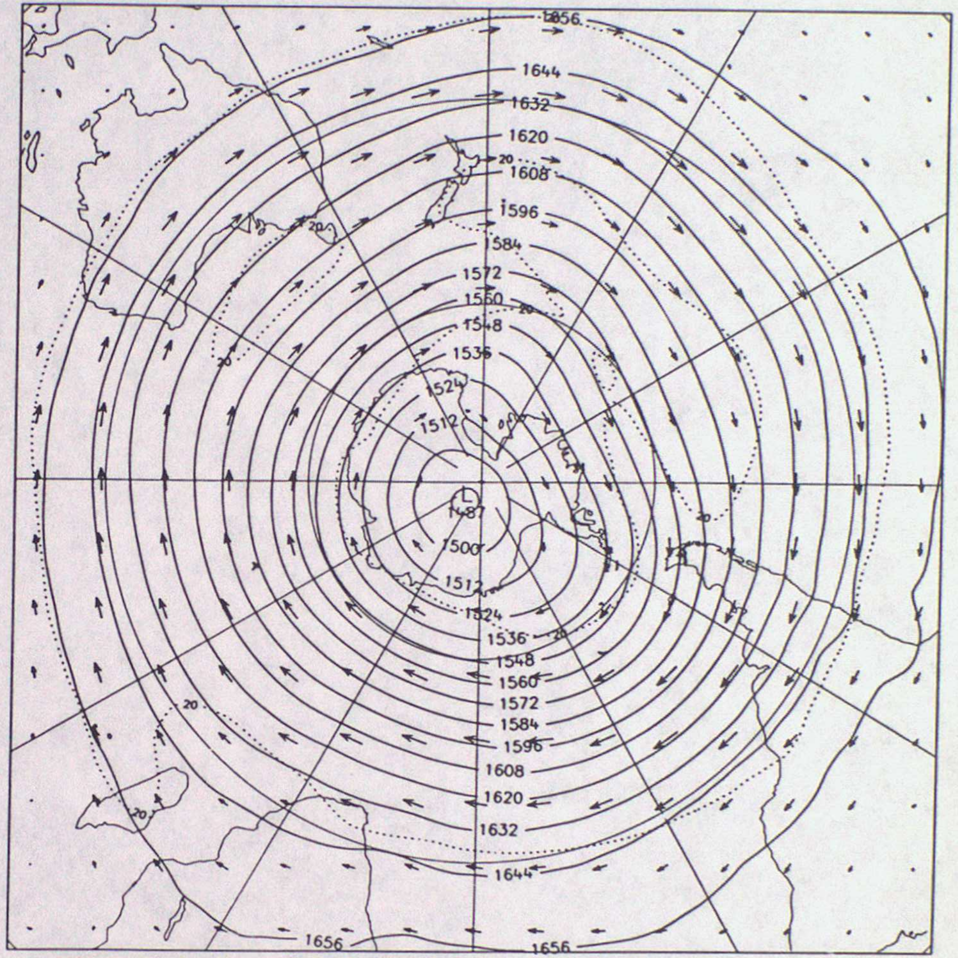
1632
1620
1608
L
1603
H
1671
L
1609
1608
L
1610
H
1667
1620
20
1632
1644
1644
20
1656

→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAY 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/5/1986 DAY 121 TO 12Z ON 31/5/1986 DAY 151
LEVEL: 100 MB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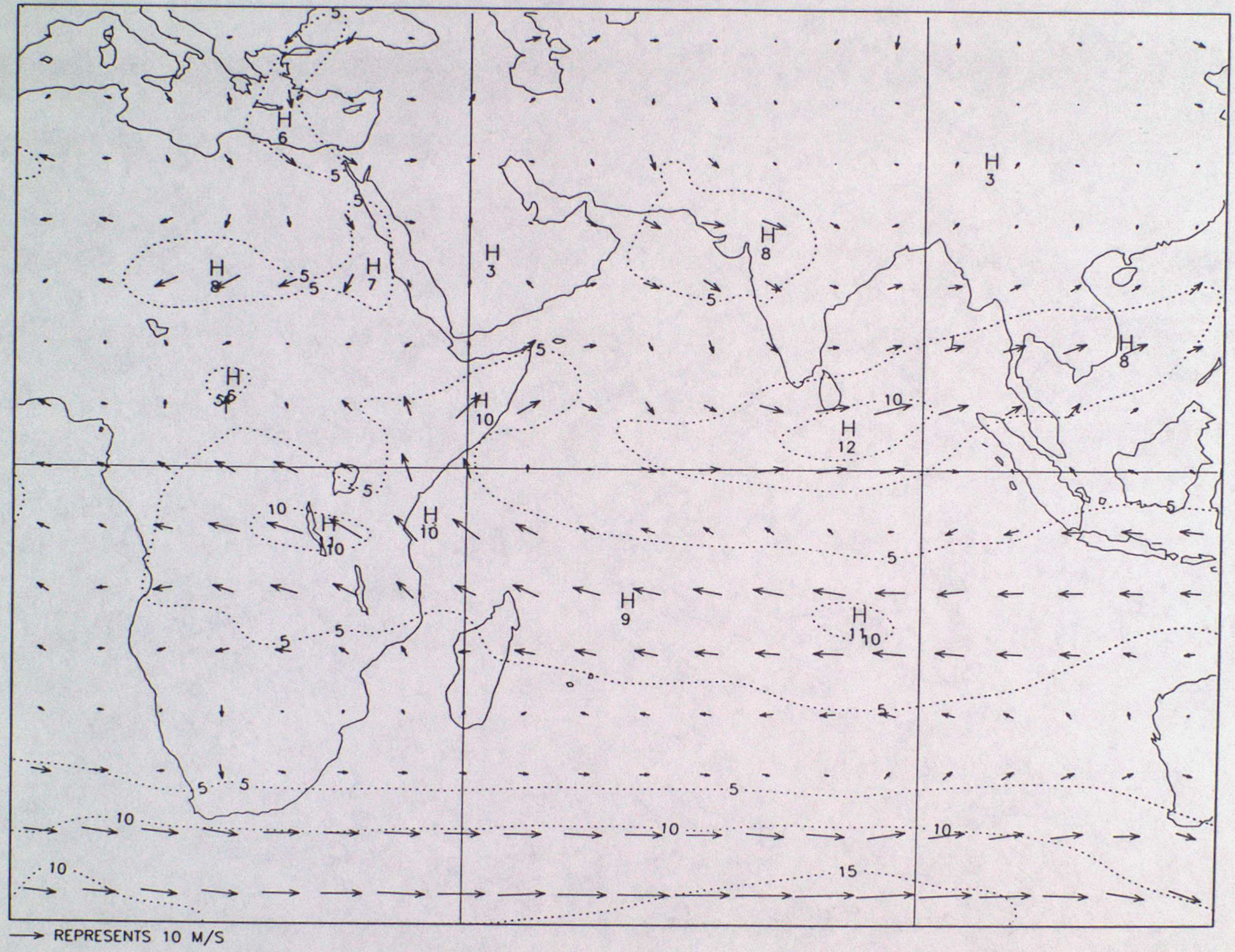
L
1487
1500
1512
1524
1536
20
1548
1560
1572
1584
1596
1608
1620
1632
1644
20
20
1656
1656

→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAY 1986
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/5/1986 DAY 121 TO 12Z ON 31/5/1986 DAY 151
850 MBS. BETWEEN LONGS. 0 E - 120 E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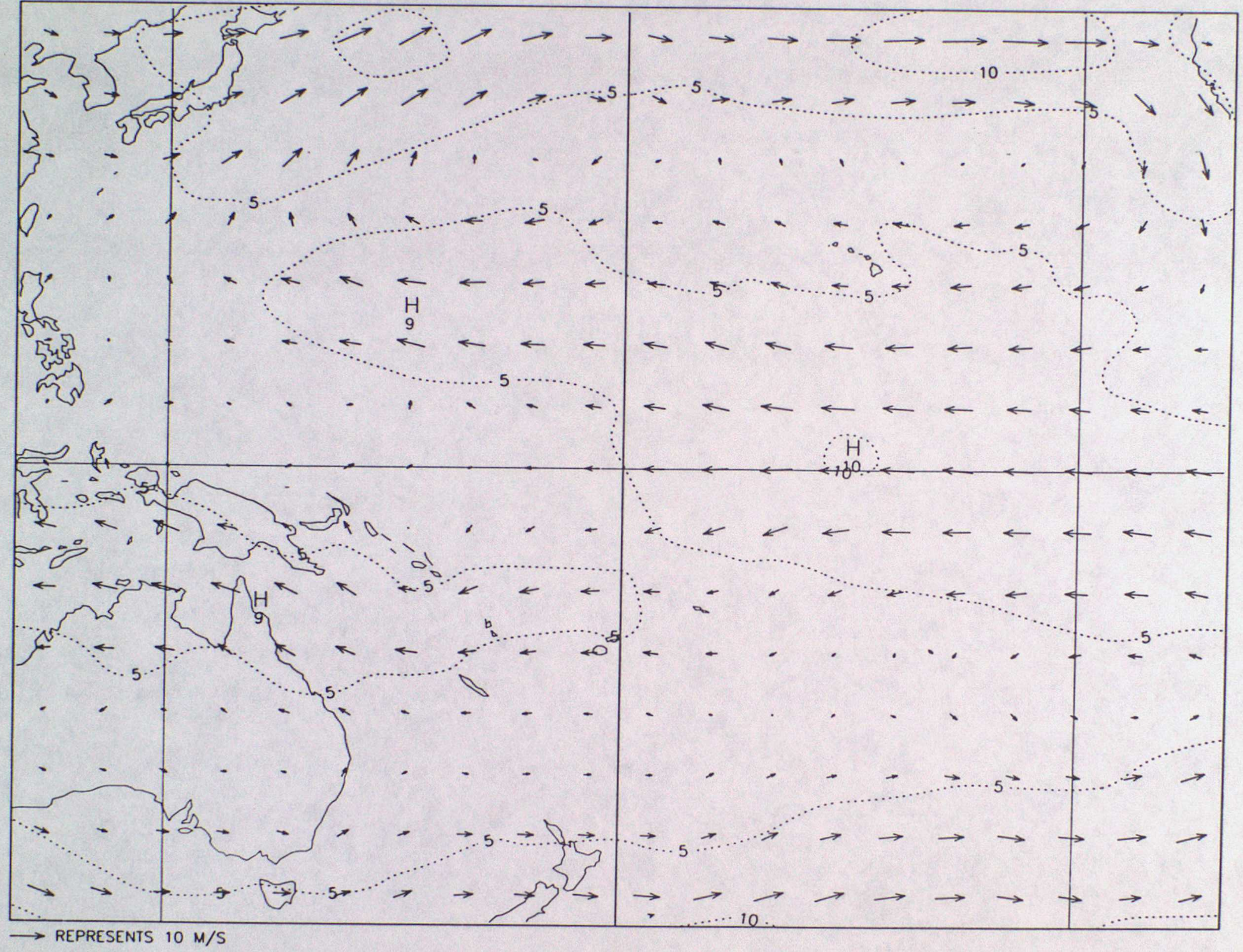
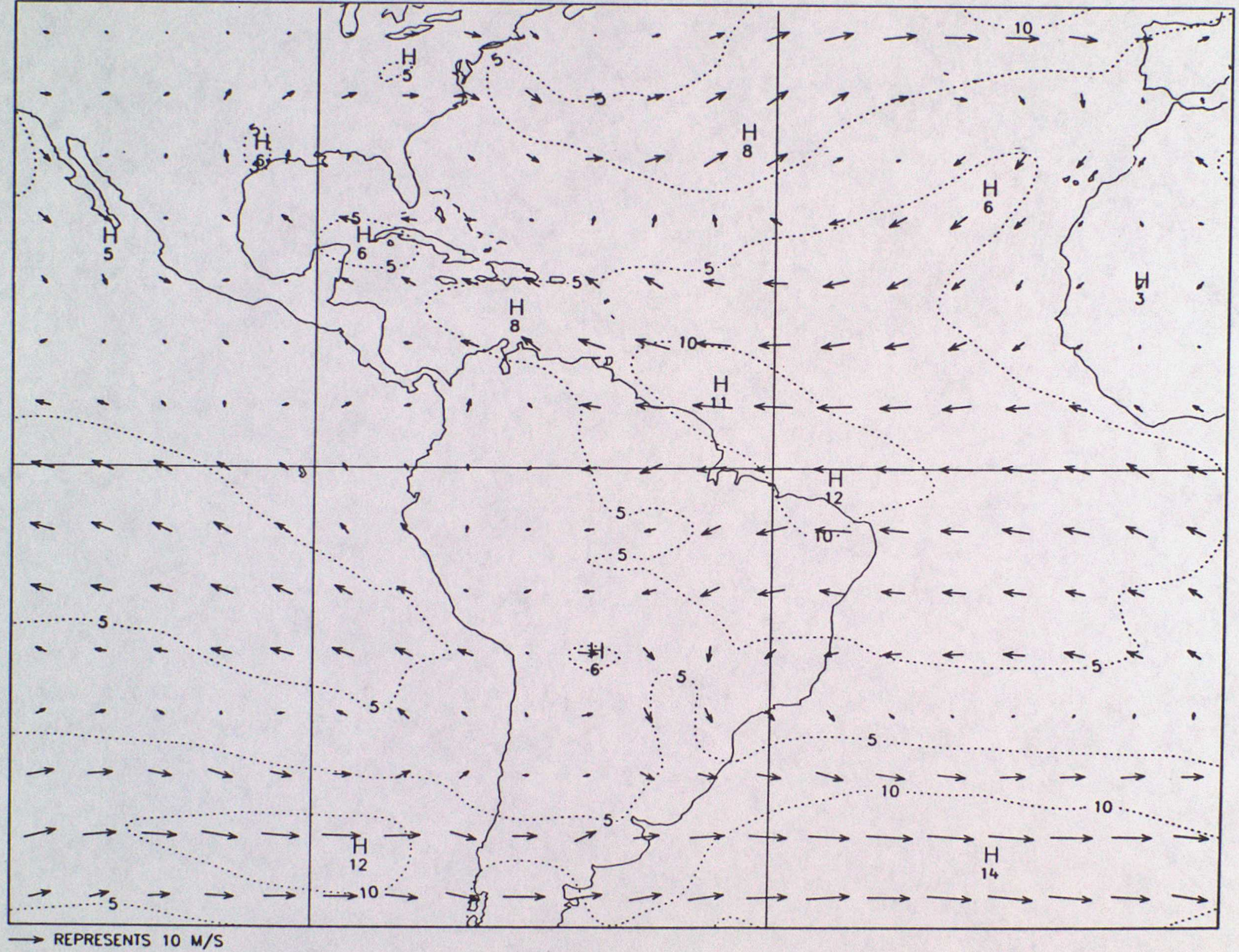
H 7
H 3
H 6
H 10
H 10
H 8
H 3
H 8
H 12
H 9
H 11
5
10
15
→ REPRESENTS 10 M/S

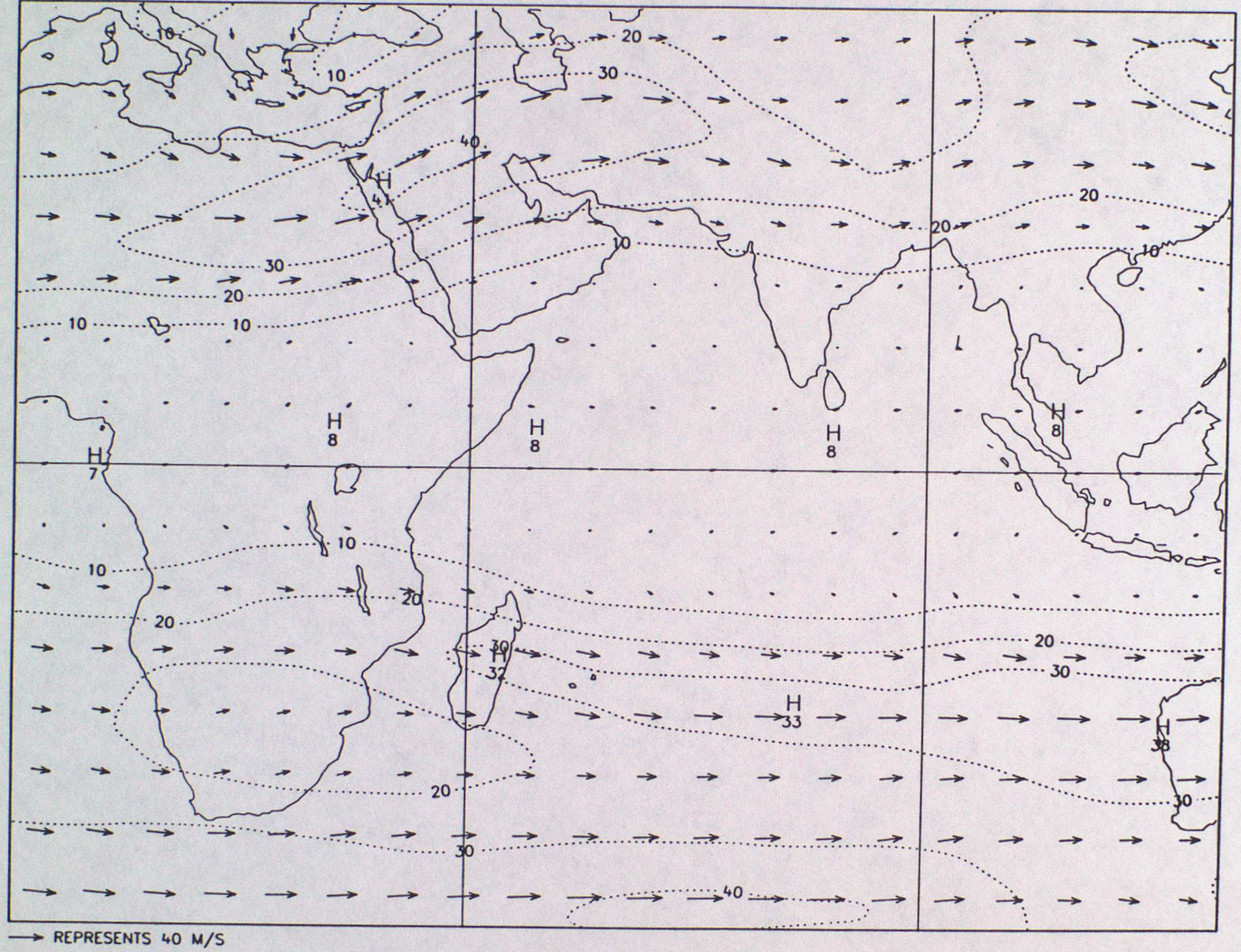
OPERATIONAL ARCHIVE MEANS.   MAY   1986
WIND ARROWS AND ISOTACHS   BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/5/1986 DAY 121 TO 12Z ON 31/5/1986 DAY 151
850 MBS.   BETWEEN LONGS. 120 E - 120 W


10
5
H
9
10
5
→ REPRESENTS 10 M/S

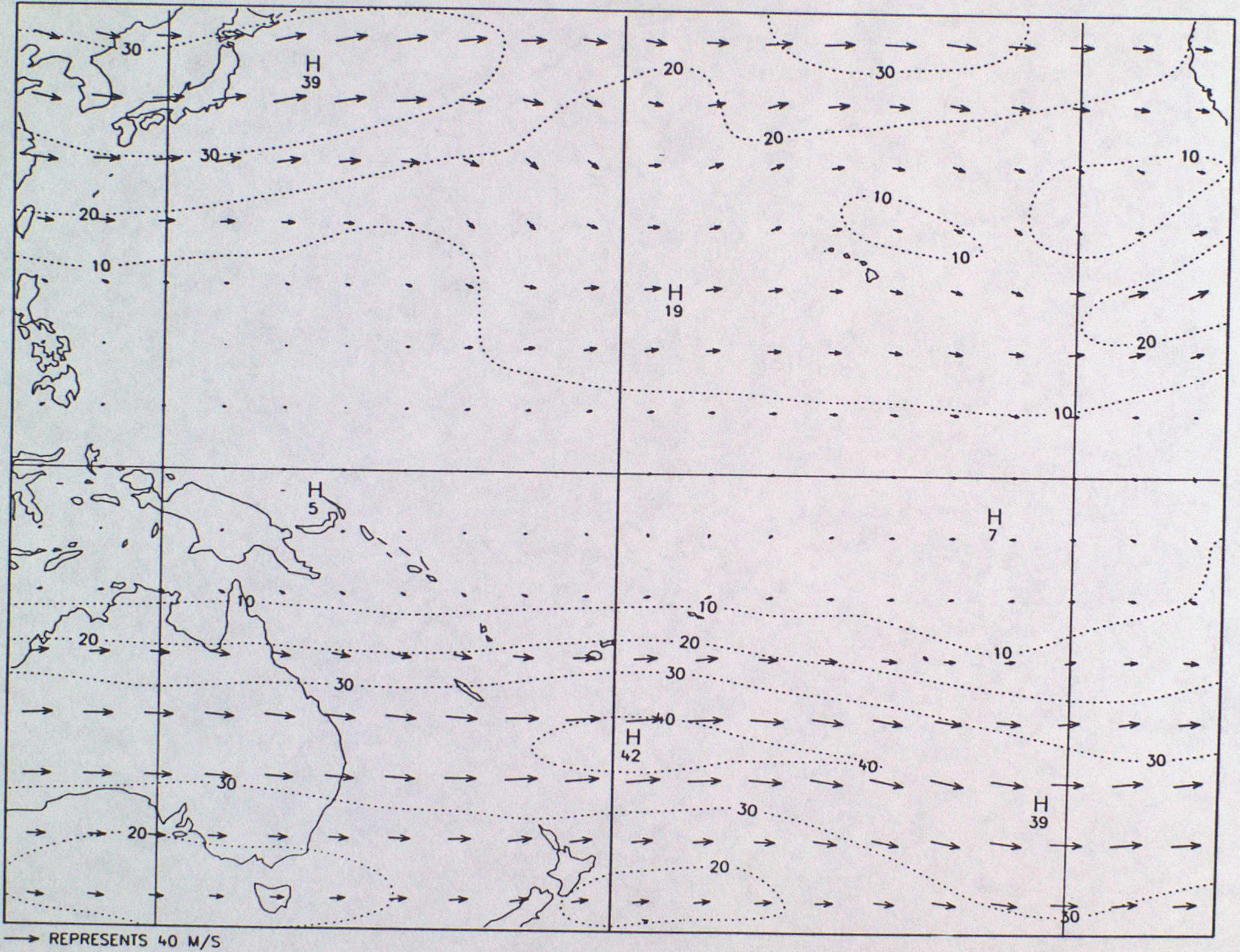
OPERATIONAL ARCHIVE MEANS. MAY 1986
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/5/1986 DAY 121 TO 12Z ON 31/5/1986 DAY 151
850 MBS. BETWEEN LONGS. 120 W - 0 W


H 5
H 6
H 5
H 6
H 8
H 8
H 6
H 3
H 11
H 12
H 6
H 12
H 14
5
10
→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS. MAY 1986
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/5/1986 DAY 121 TO 12Z ON 31/5/1986 DAY 151
250 MBS. BETWEEN LONGS. 0 E - 120 E


10
20
30
40
H 41
H 7
H 8
H 8
H 8
H 8
L
H 32
H 33
H 38
→ REPRESENTS 40 M/S

OPERATIONAL ARCHIVE MEANS. MAY 1986
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/5/1986 DAY 121 TO 12Z ON 31/5/1986 DAY 151
250 MBS. BETWEEN LONGS. 120 E - 120 W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H 19
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H 5
H 7
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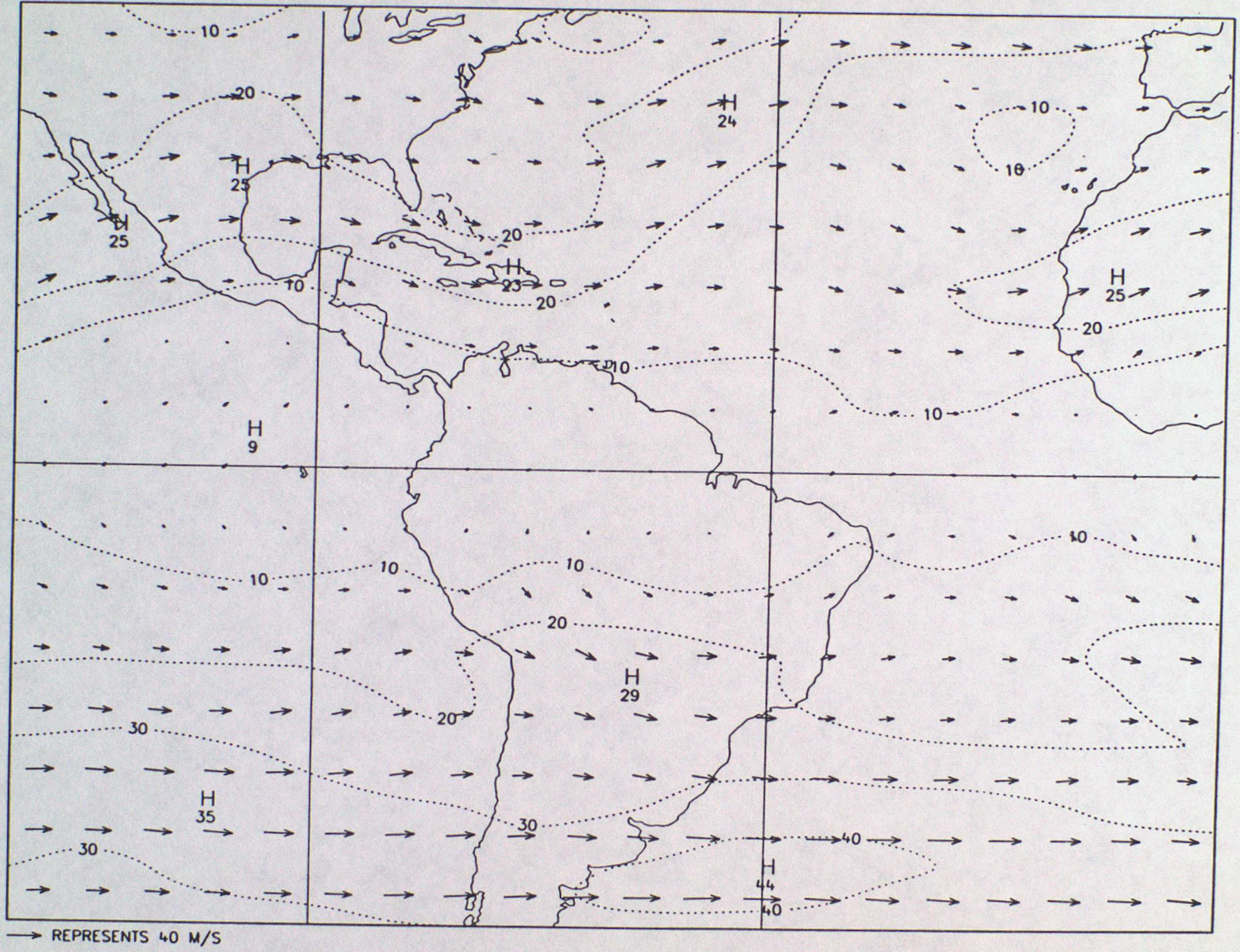
10
20
20
30
30
10
40
H 42
40
30
30
30
H 39
20
20
30
→ REPRESENTS 40 M/S

OPERATIONAL ARCHIVE MEANS. MAY 1986
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/5/1986 DAY 121 TO 12Z ON 31/5/1986 DAY 151
250 MBS. BETWEEN LONGS. 120 W - 0 W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H 24
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H 25
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10
H 25
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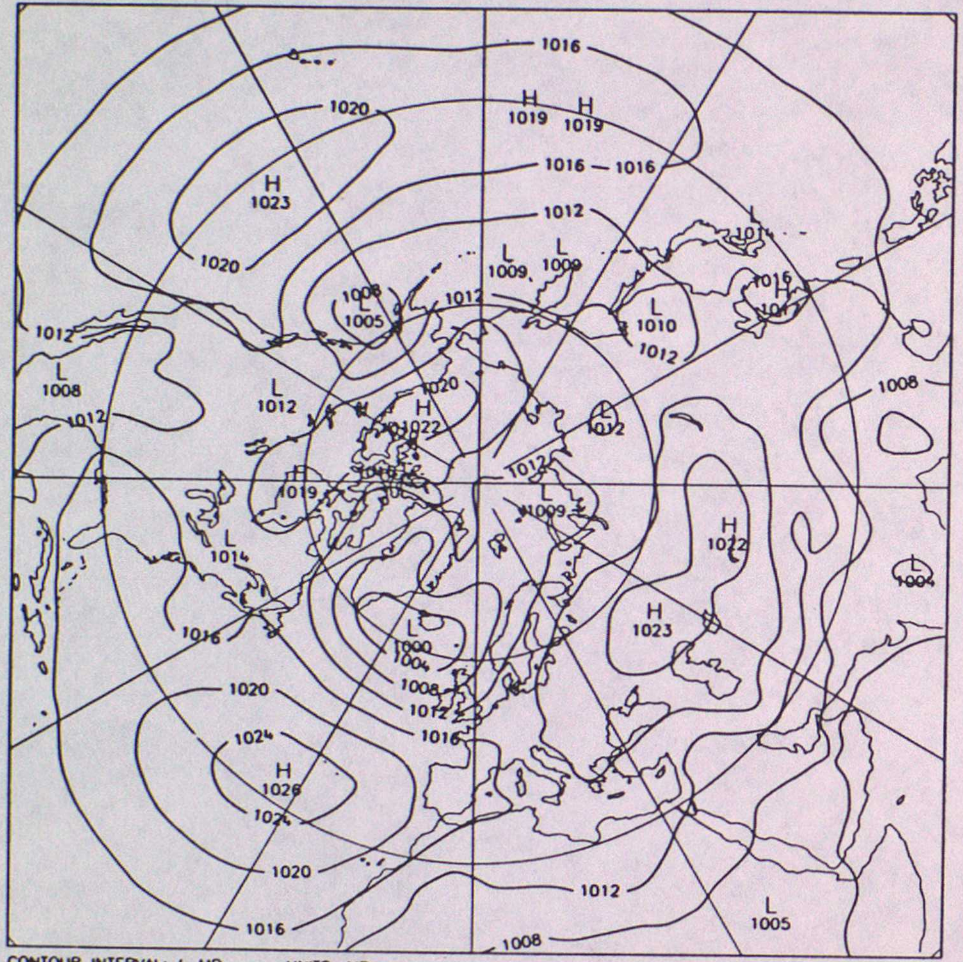
10
H 9
10
10
10
10
20
H 29
20
30
H 35
30
30
40
H 44
40
→ REPRESENTS 40 M/S

MARCH/APRIL/MAY
1986

OPERATIONAL ARCHIVE MEANS.   MAR/APR/MAY 1986
PMSL
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/5/1986 DAY 151
LEVEL: SEA LEVEL


H
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L
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L
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L
1005
L
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L
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L
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H
1022
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L
1014
H
1022
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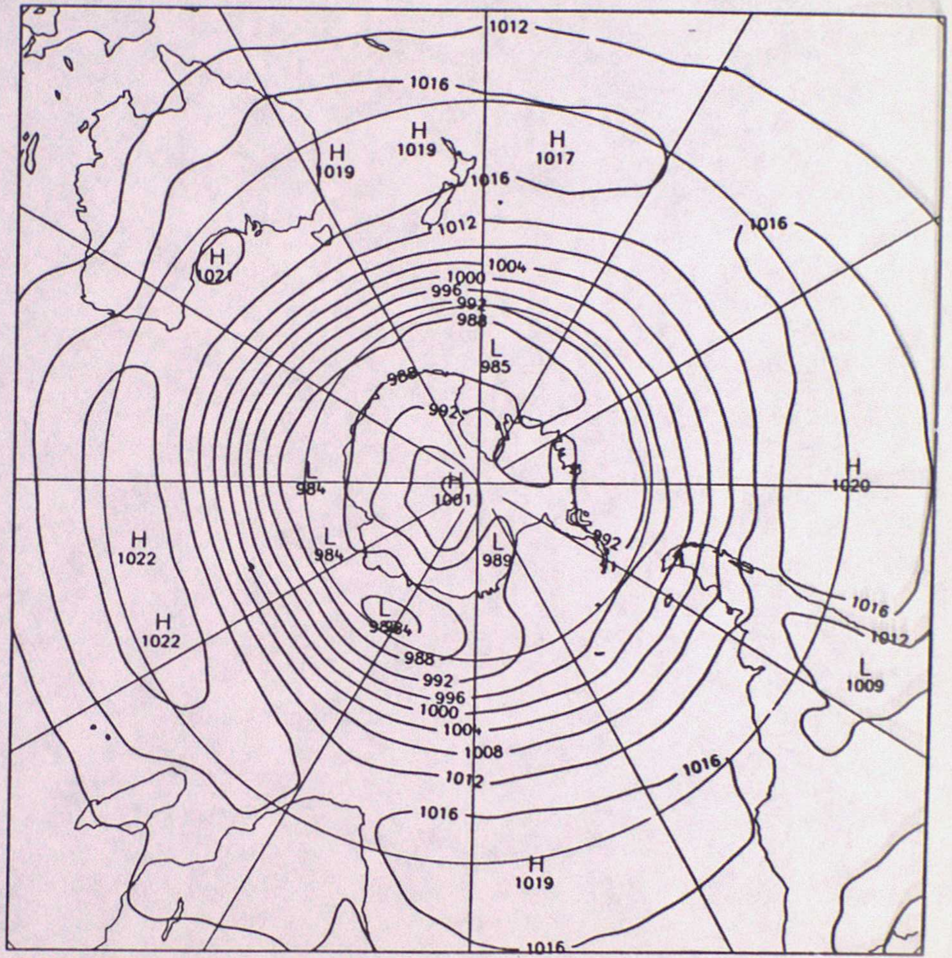
1004
H
1023
L
1000
H
1026
L
1005
1016
1020
1012
1008
1024

CONTOUR INTERVAL: 4 MB   UNITS: MB

OPERATIONAL ARCHIVE MEANS.   MAR/APR/MAY 1986
PMSL
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/5/1986 DAY 151
LEVEL: SEA LEVEL


1012
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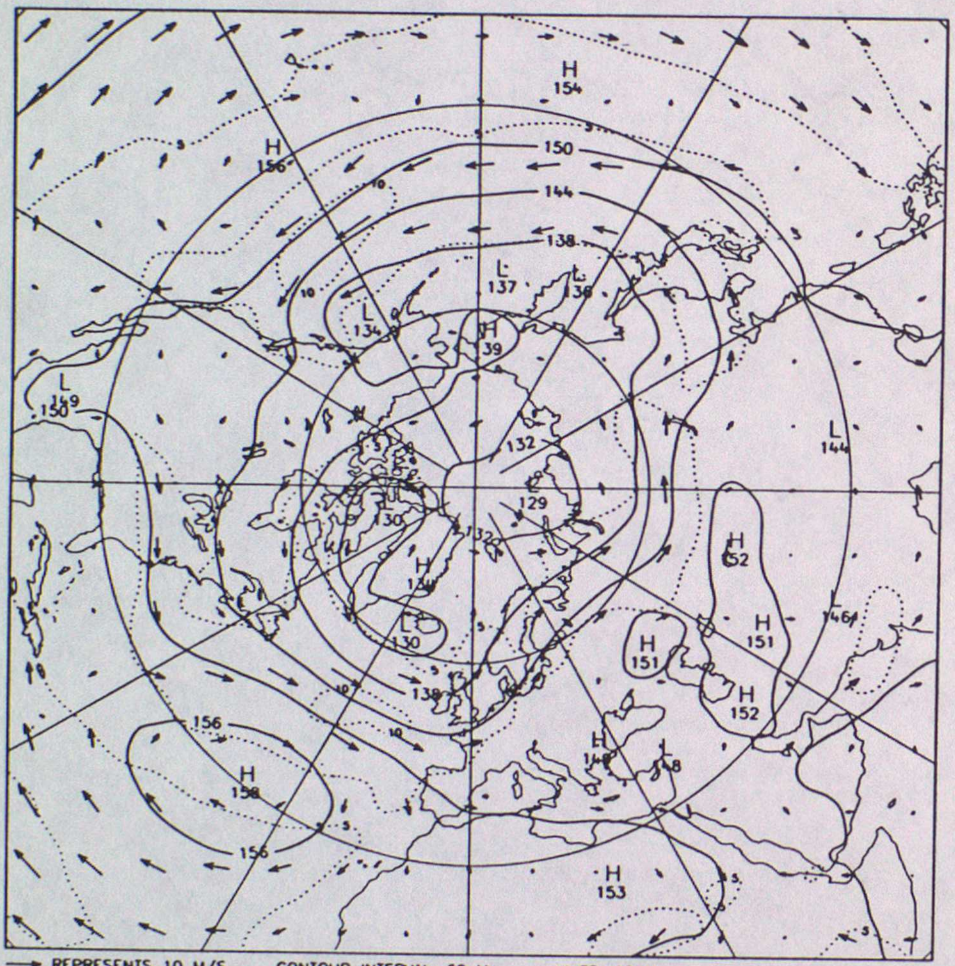
L
989
H
1022
H
1022
H
1020
L
1009
H
1019
1000
996
992
988
1004
1008
1016

CONTOUR INTERVAL: 4 MB   UNITS: MB

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/5/1986 DAY 151
LEVEL: 850 MB


H 154
H 156
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L 137
L 138
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H 139
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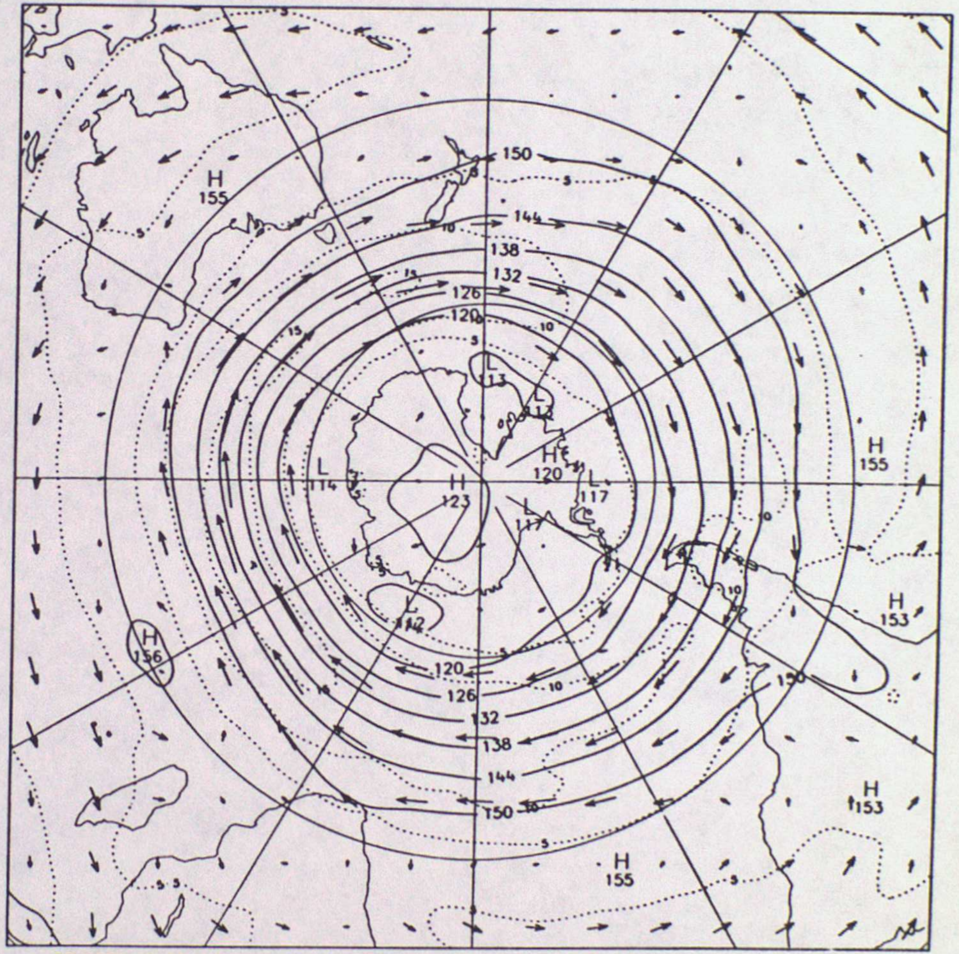
H 134
L 130
L 144
H 152
H 151
L 146
H 151
H 152
138
156
H 158
156
H 148
L 148
H 153
10
5

→ REPRESENTS 10 M/S CONTOUR INTERVAL: 60 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/5/1986 DAY 151
LEVEL: 850 MB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H 155
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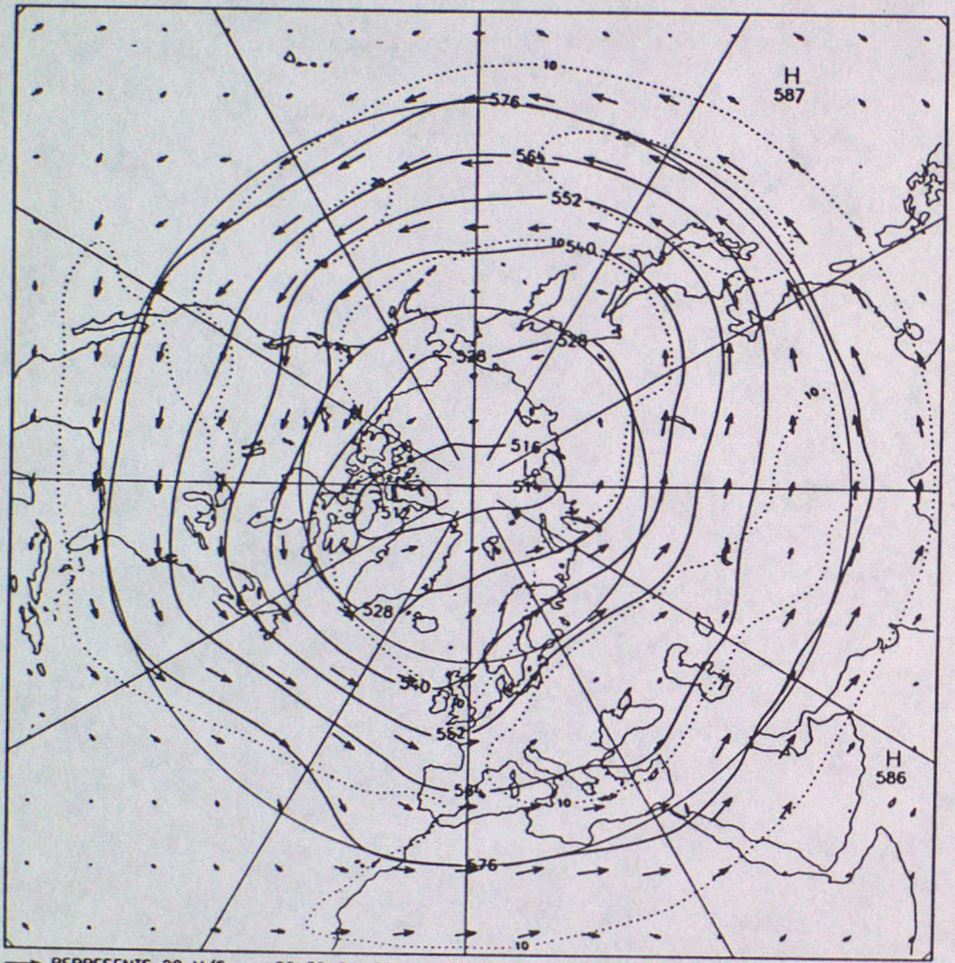
L 113
L 112
H 120
L 117
L 117
L 114
H 123
L 112
H 156
120
126
132
138
144
150
H 155
H 153
150
H 153
H 155
15
10
5

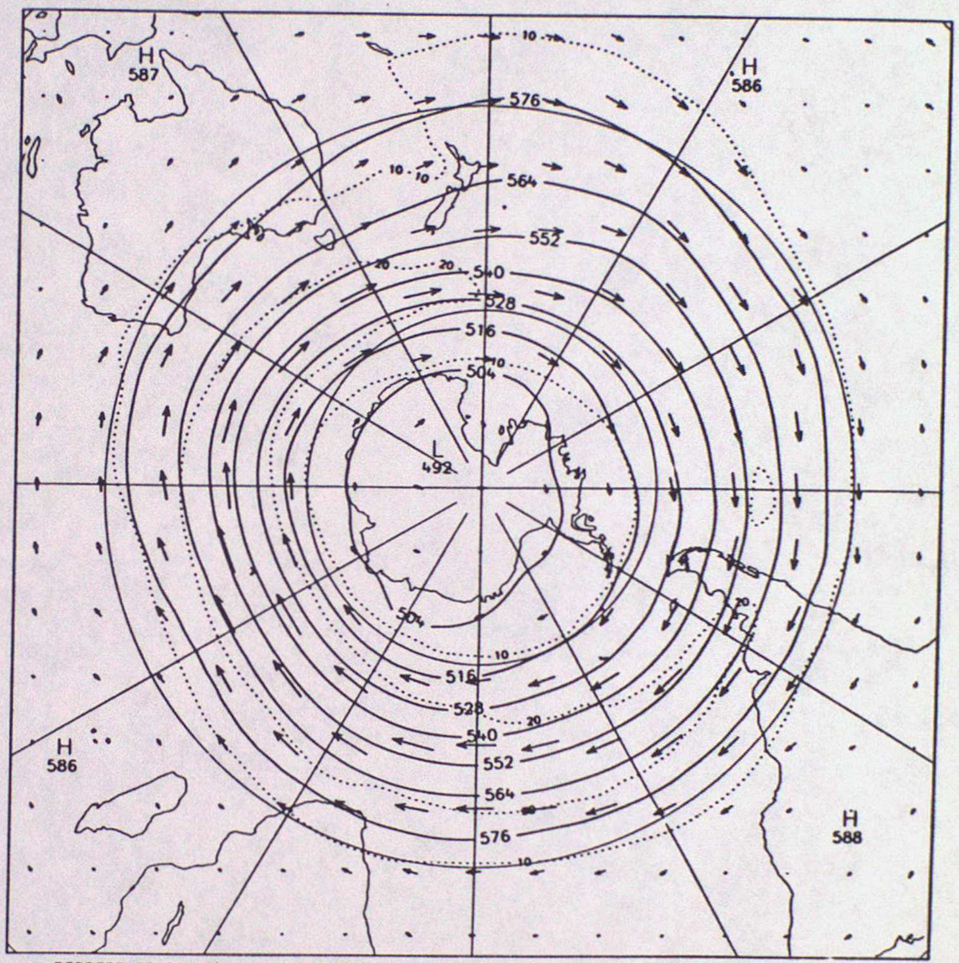
→ REPRESENTS 10 M/S CONTOUR INTERVAL: 60 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/5/1986 DAY 151
LEVEL: 500 MB


H
587
H
586
576
564
552
540
528
516
514
512
10
20

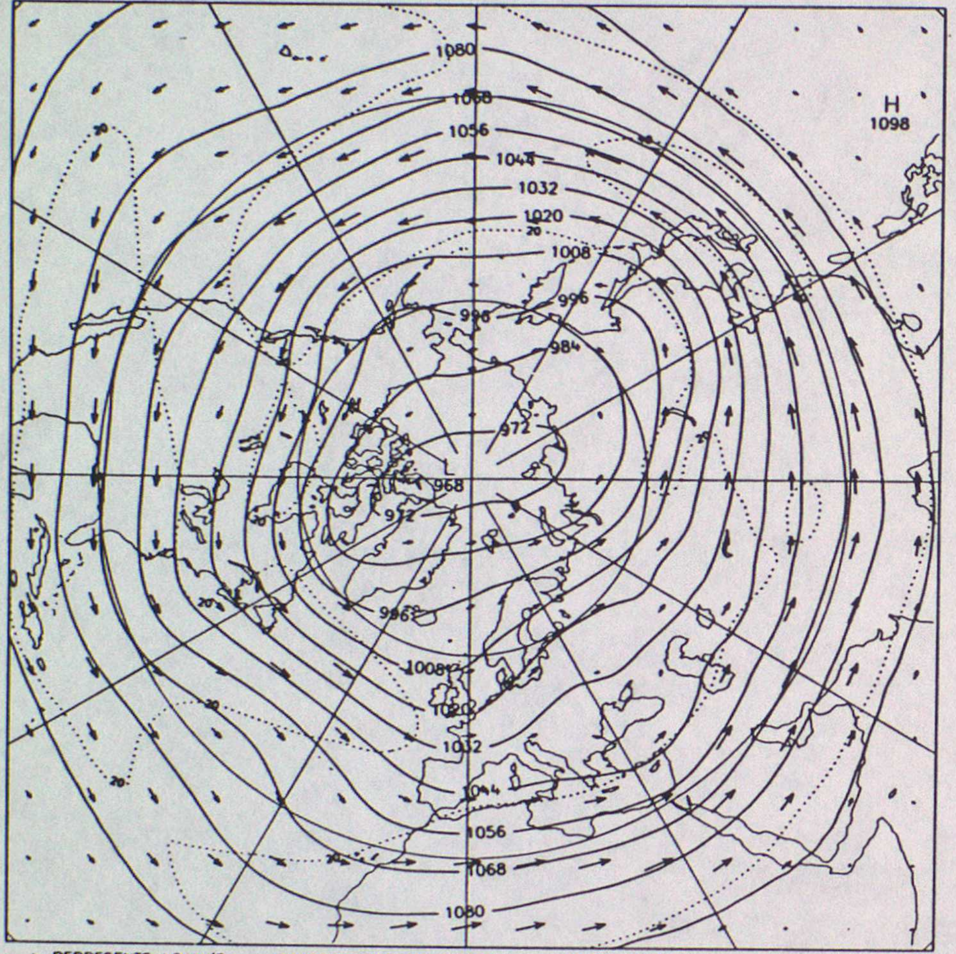
→ REPRESENTS 20 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/5/1986 DAY 151
LEVEL: 500 MB


H
587
H
586
H
586
H
588
L
492
576
564
552
540
528
516
504
10
20

→ REPRESENTS 20 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/5/1986 DAY 151
LEVEL: 250 MB



H
1098
L
1080
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1044
1032
1020
1008
996
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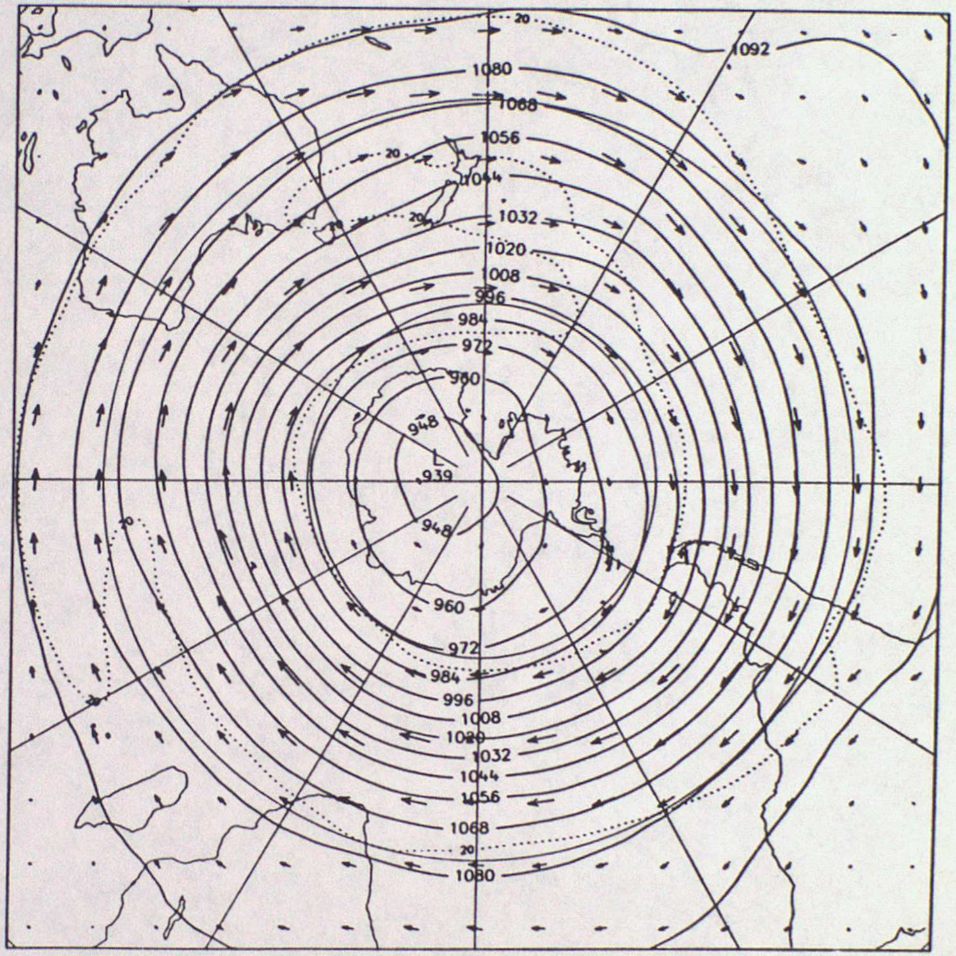
968
972
996
1008
1020
1032
1044
1056
1068
1080
20

→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/5/1986 DAY 151
LEVEL: 250 MB



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1080
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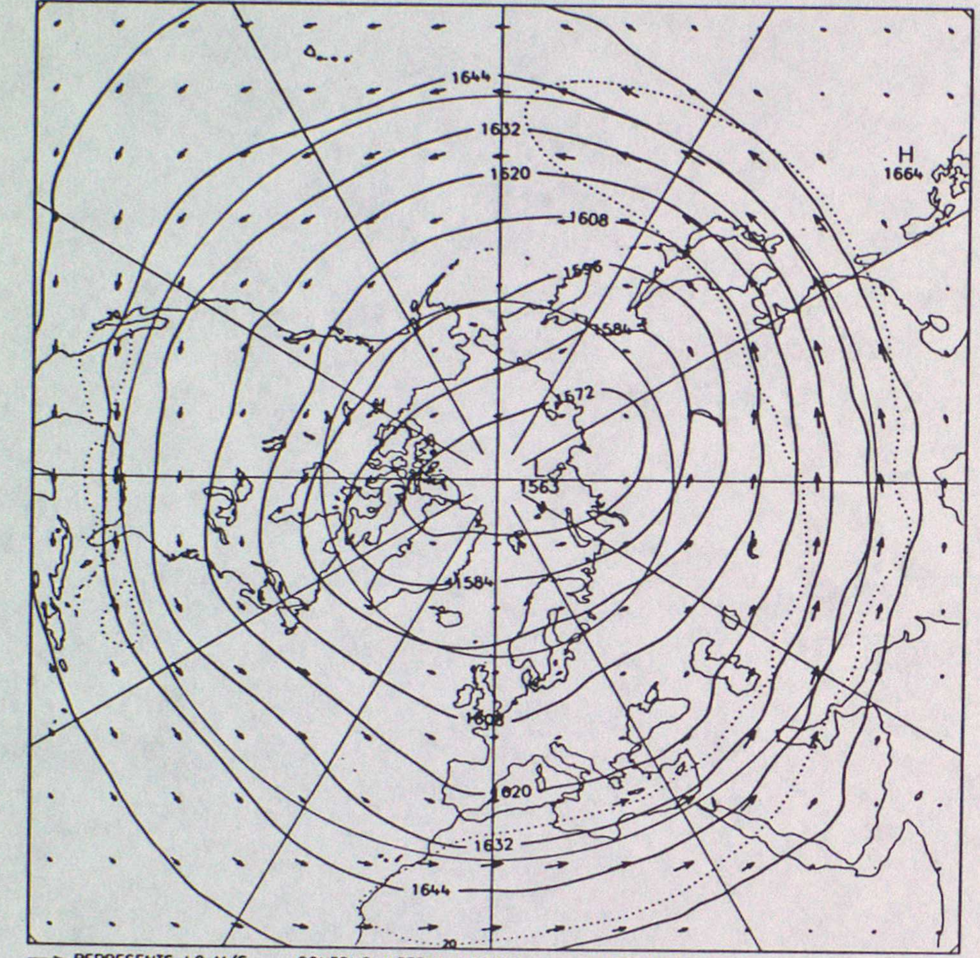
→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/5/1986 DAY 151
LEVEL: 100 MB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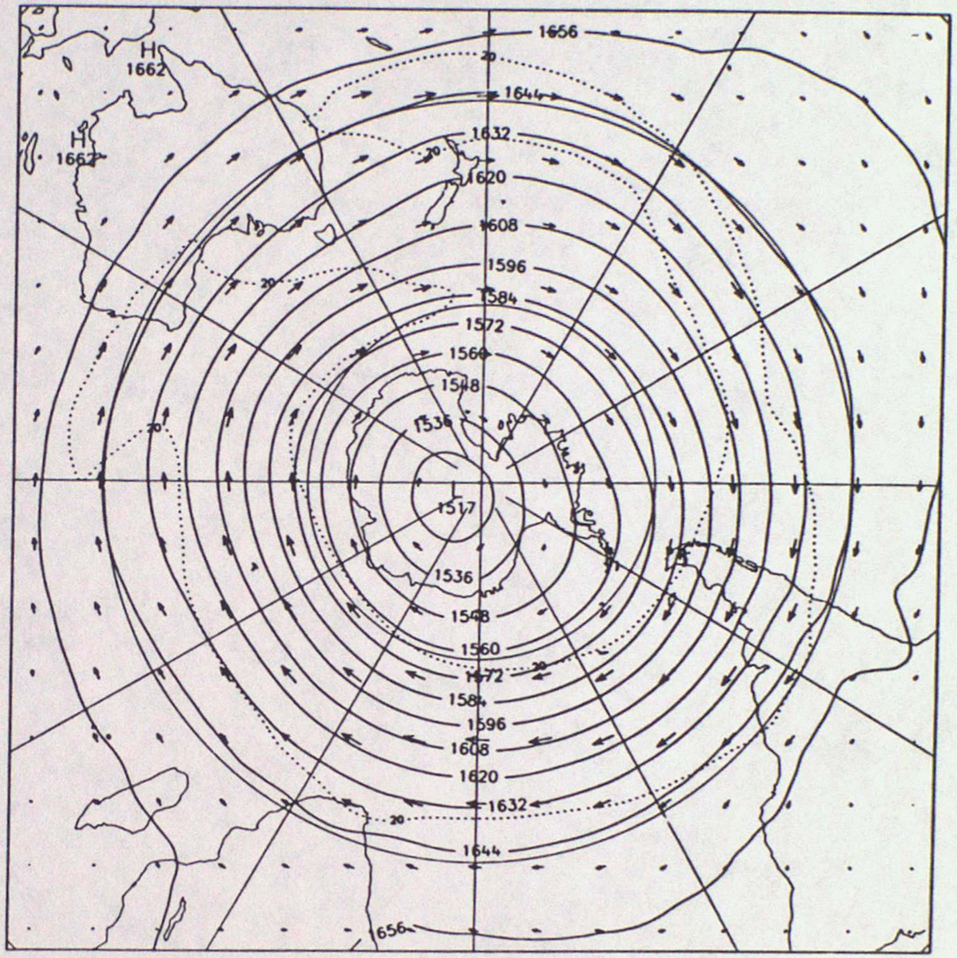
→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY 1986
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/5/1986 DAY 151
LEVEL: 100 MB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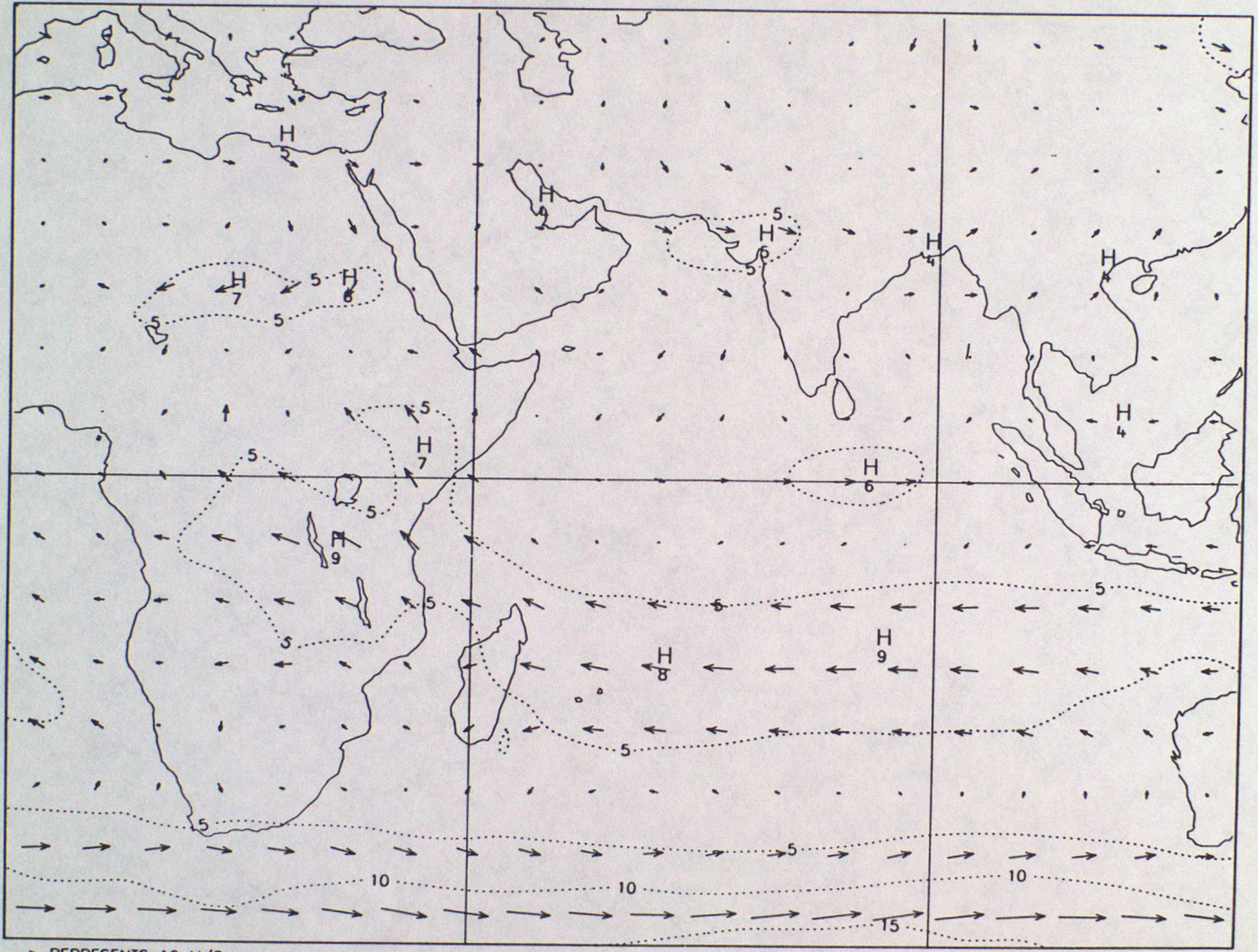
1656

→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS.   MAR/APR/MAY 1986
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/5/1986 DAY 151
850 MBS.   BETWEEN LONGS. 0 E - 120 E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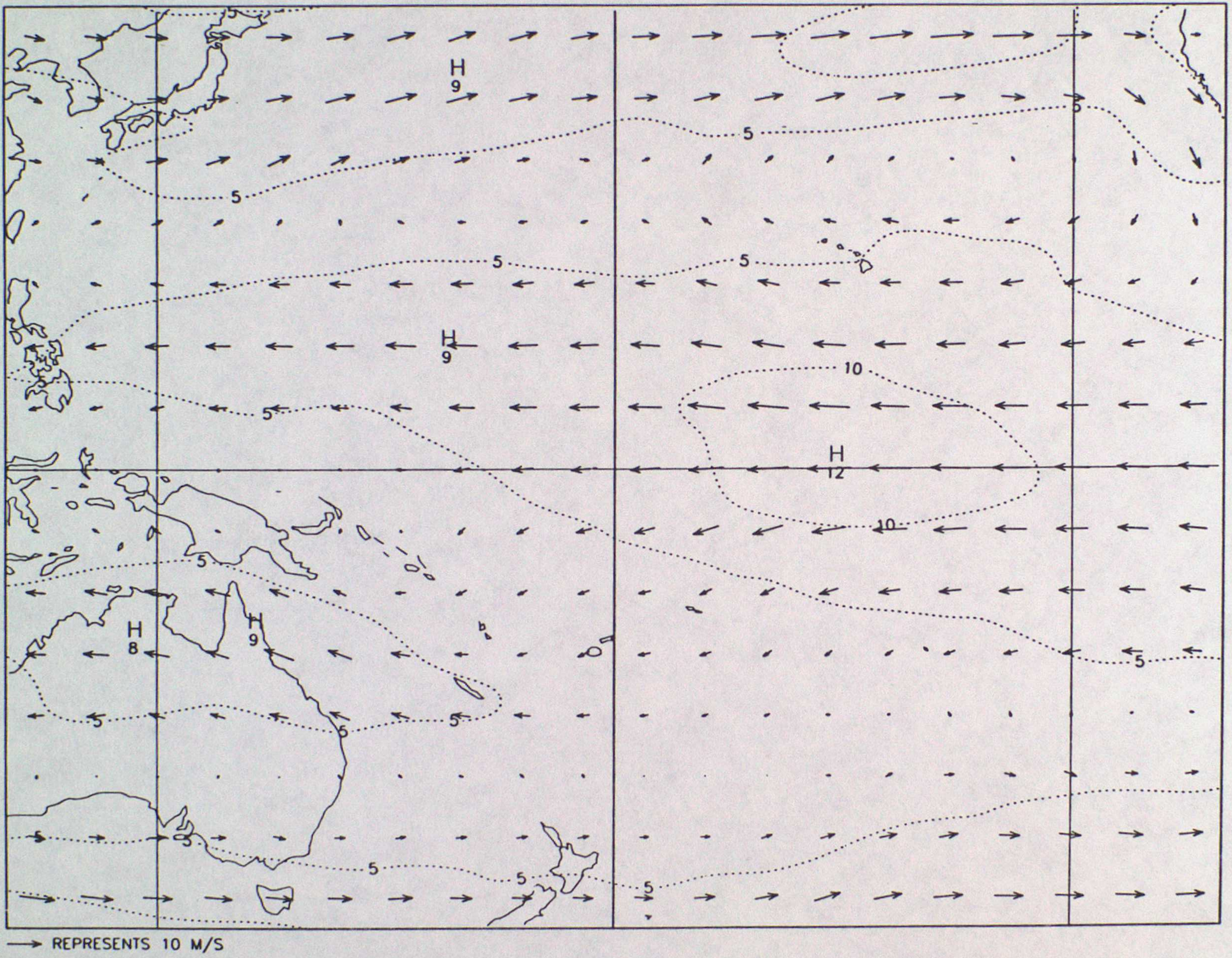
→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY 1986
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/5/1986 DAY 151
850 MBS. BETWEEN LONGS. 120 E - 120 W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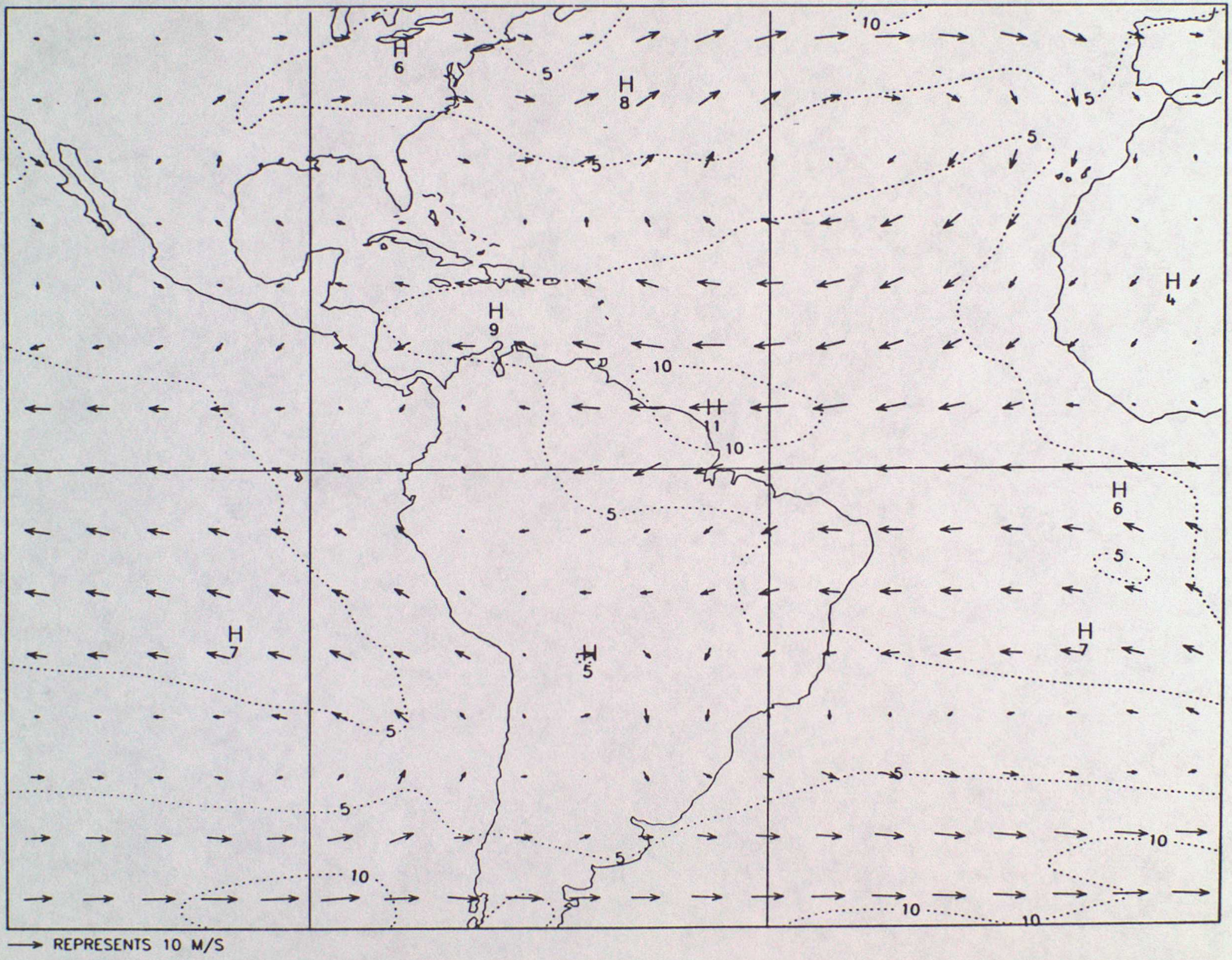
→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY 1986
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/5/1986 DAY 151
850 MBS. BETWEEN LONGS. 120 W - 0 W



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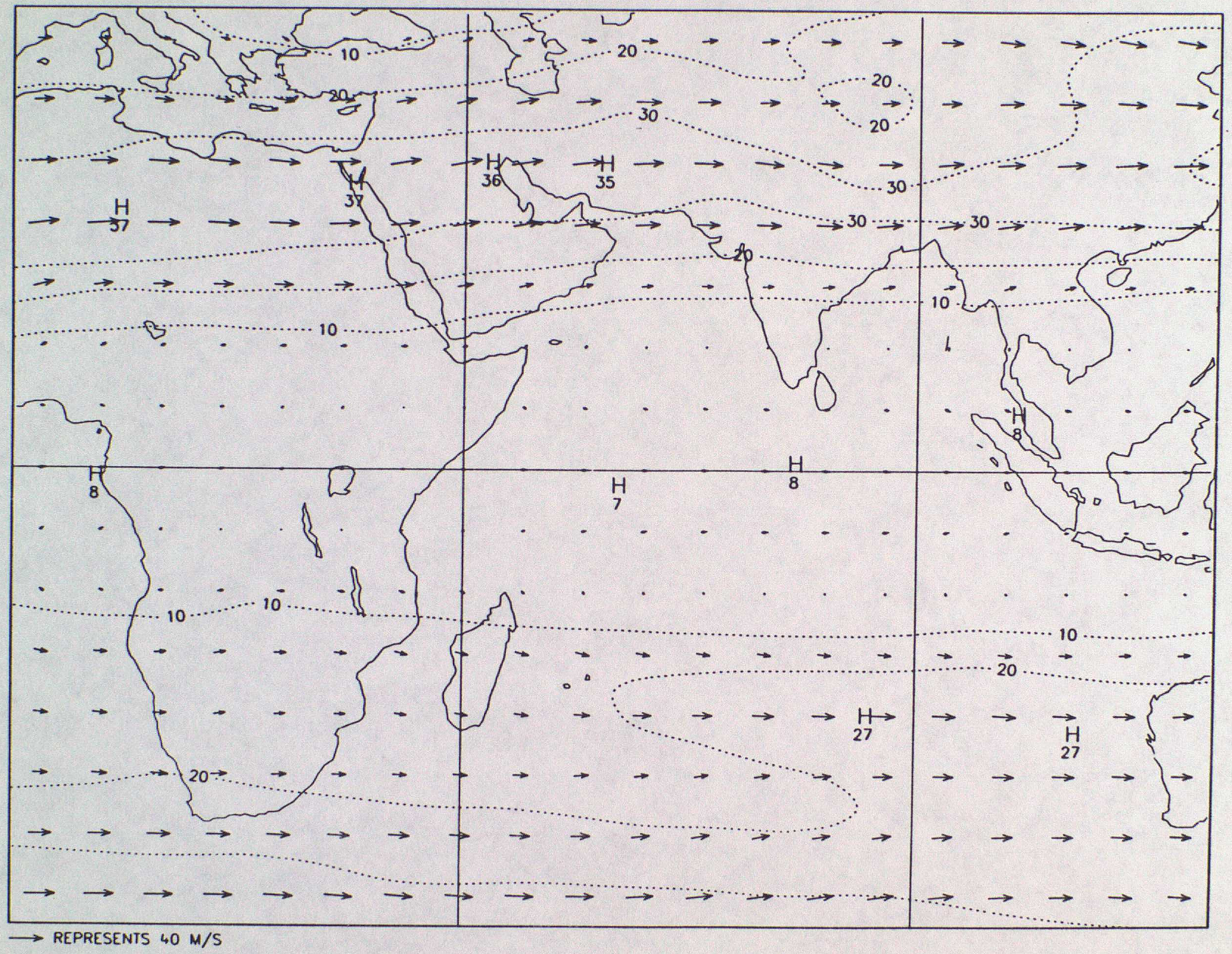
→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS.   MAR/APR/MAY 1986
WIND ARROWS AND ISOTACHS   BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/5/1986 DAY 151
250 MBS.   BETWEEN LONGS. 0 E - 120 E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H 8
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H 27
H 27
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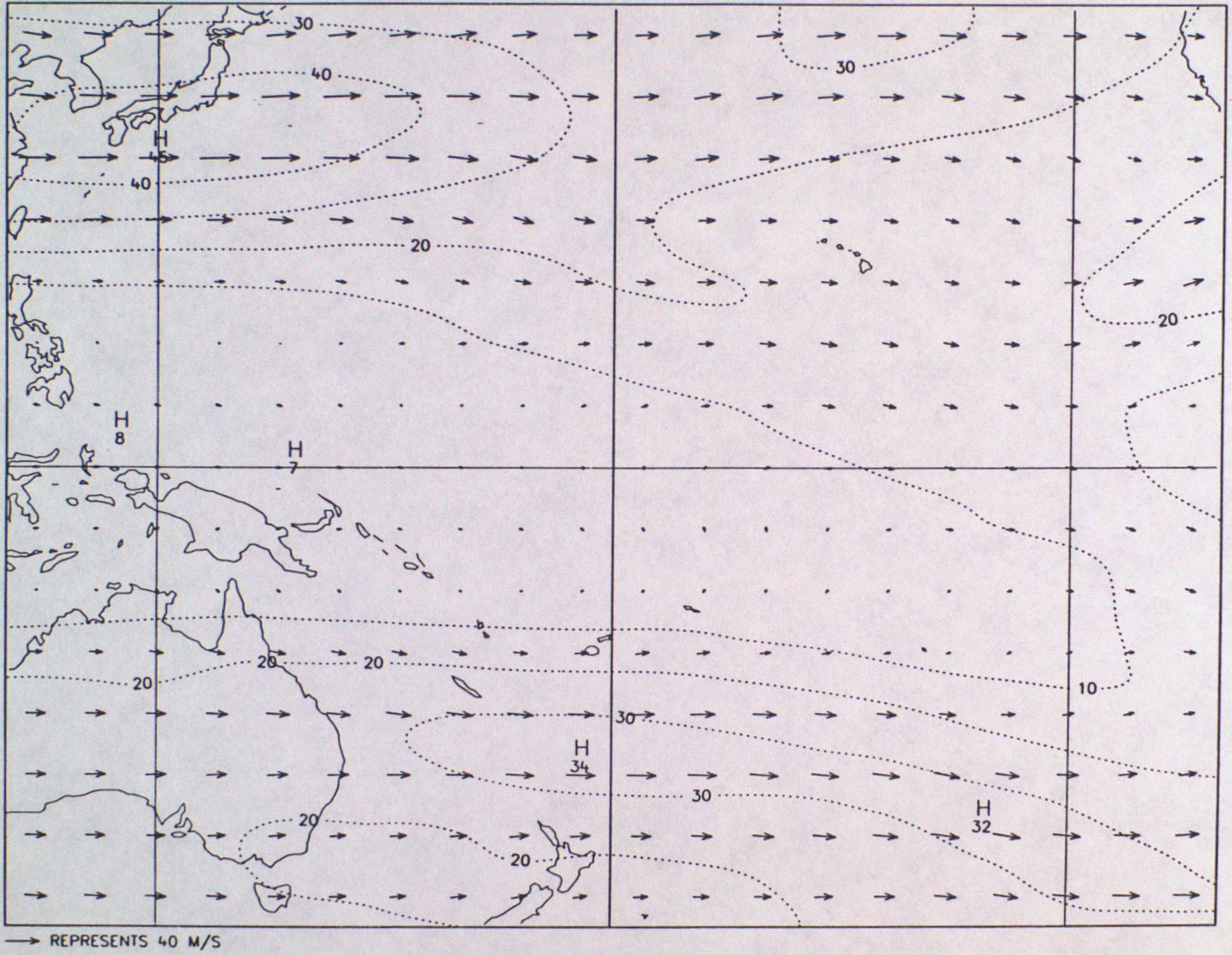
→ REPRESENTS 40 M/S

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY 1986
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/5/1986 DAY 151
250 MBS. BETWEEN LONGS. 120 E - 120 W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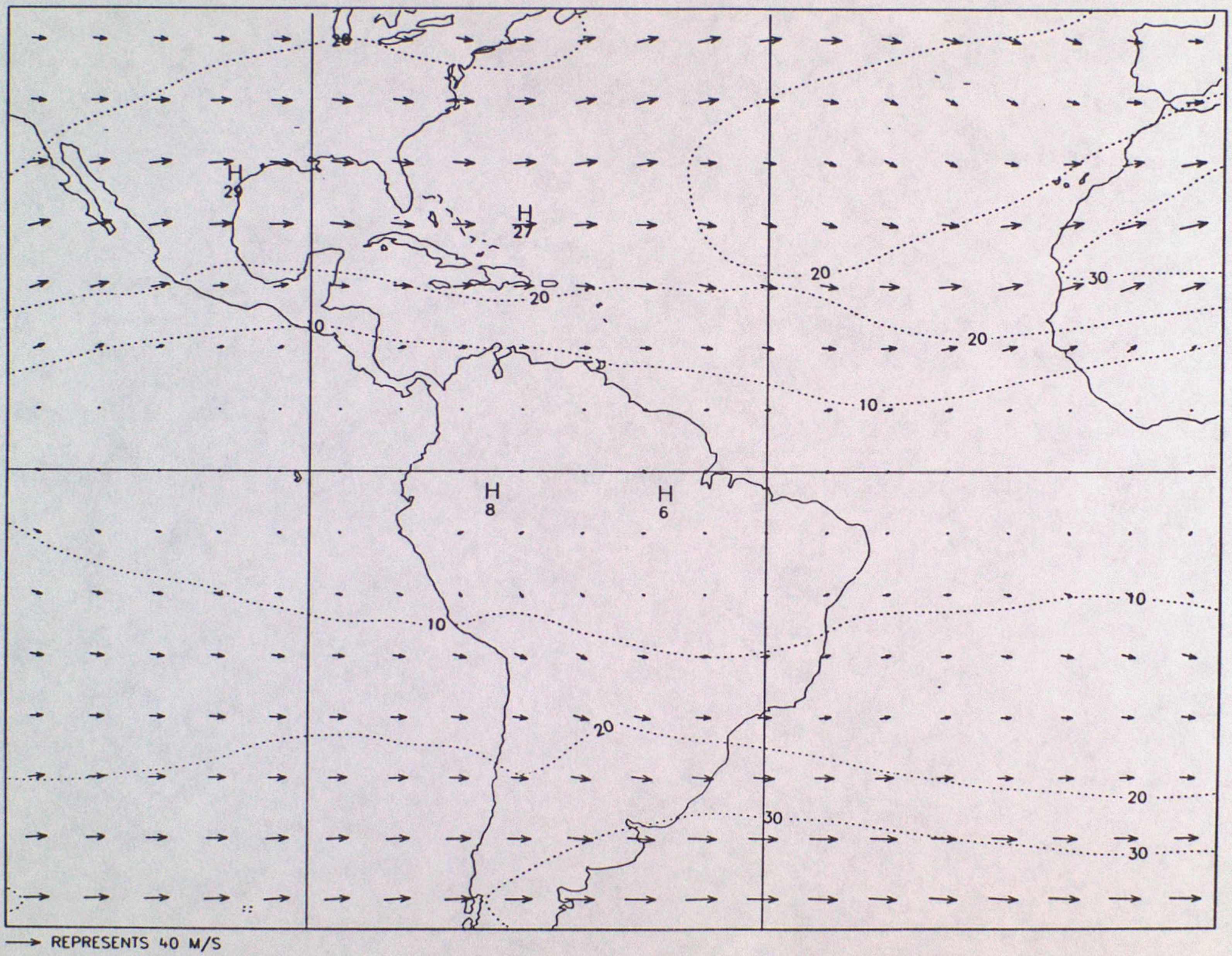
→ REPRESENTS 40 M/S

OPERATIONAL ARCHIVE MEANS.   MAR/APR/MAY 1986
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1986 DAY 60 TO 12Z ON 31/5/1986 DAY 151
250 MBS.   BETWEEN LONGS. 120 W - 0 W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→ REPRESENTS 40 M/S